

AD-A159 684

ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(1) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85

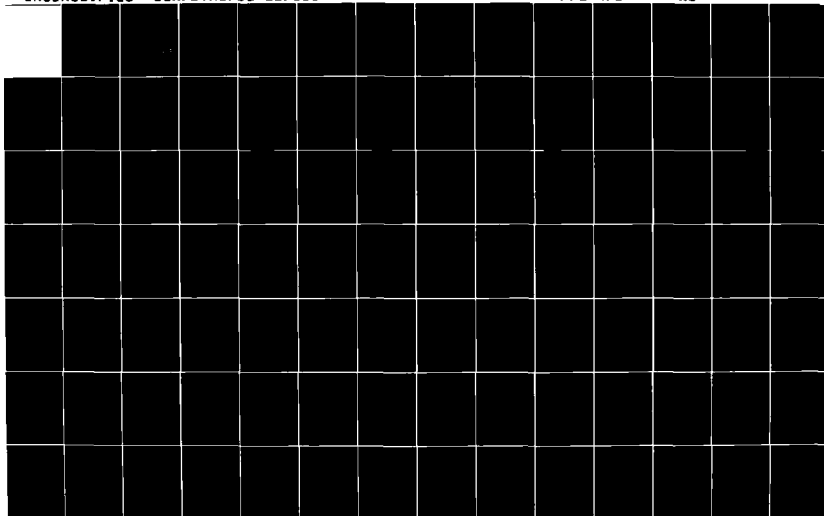
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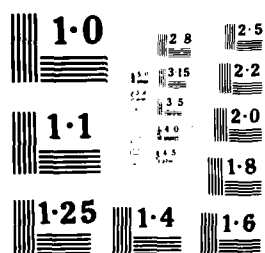
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USAFETAC/DS-85/006

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AD-A159 684

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DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

"LIMITED SUMMARY" OF
CLIMATE OF

AKOOGI NAS JAPAN
NOV 27 - DEC 27 1983 235 FT
3" 12.1
PARTS A-F
ROUND SUMMARIZED: 0000Z - 2300Z
PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 74 - DEC 83
SUMMARY OF DAY DATA: NONE
TIME CONVERSION GMT TO LST: +9

15 FEB 1985

DISTRIBUTION STATEMENT A

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Distribution Unlimited

FEDERAL BUILDING
ASHEVILLE, N. C.

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SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE

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17 COSATI CODES FIELD GROUP SUB GROUP 04 02		18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number) *climatology *weather Meteorological conditions (continued over)	
19 ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: ATSUGI NAS JAPAN. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-85/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.			
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83 APR edition may be used until 1985. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

winds	precepitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling
Limited Surface Observations Climatic Summary			
LISOCs			

ATSUGI NAS JAPAN
JP 476790

UNCLASSIFIED

Accession No. []
NOTES
DATE
TIME
BY
[]

[]
[]
[]

A-1



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover DATA
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION LOCATION AND INSTRUMENTATION HISTORY

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

MONTH

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	1-1		0.4		0.0		0	0.4	0			0	1
FEB	1-1		0.0		0.0		0	0.0	0			0	1
MAR	1-1		0.7		0.0		0	0	0.0			0	1
APR	1-1		0		0.0		0.7	0.0	0.0		0	0.0	7
MAY	1-1		0.0		0.0		0.0	0.0	0.0			0	1
JUN	1-1	0.1	0.4		0.0		0.1	0	0.0			0	1
JUL	1-1		0.7		0		0.0	0	0.0			0	1
AUG	1-1	0.1	0.4		0.0		0.0	0.0	0			0	1
SEPT	1-1												
OCT	1-1												
NOV	1-1												
DEC	1-1												
TOTALS			0.7		0.0		0	0	0			0	7

STATION

STATION NAME

YEARS

MONTH

USAFETAC ^{AF 100M} 0 12 5 0 L A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MONTH

[illegible]

ALBUQUERQUE, N. MEXICO
 STATION 4-56410 KMAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-56410 KMAC STATION NAME 74-1 YEARS MONTH
 ALL YEAR CLASS HOURLY LAST
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	•	14.7	3.2	7.2	•	•	•	•	•	•	•	•	2.2
NNE	•	•	•	1.2	•	•	•	•	•	•	•	•	•
NE	•	1.2	1.4	•	•	•	•	•	•	•	•	•	•
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•
E	•	•	•	•	•	•	•	•	•	•	•	•	•
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•
SE	•	•	•	•	•	•	•	•	•	•	•	•	•
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•
S	•	•	•	•	•	•	•	•	•	•	•	•	•
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•
SW	•	•	•	•	•	•	•	•	•	•	•	•	•
WSW	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•
WNW	•	•	•	•	•	•	•	•	•	•	•	•	•
NW	•	1.2	•	•	•	•	•	•	•	•	•	•	•
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS

UNAFFEC... OL A... OF THIS FORM ARE... 1951

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION USAFETAX STATION NAME USAFETAX YEARS 74-75 MONTH 12
 CLASS ALL HOURS 12
 CONDITION 12

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0							7.0	1.0
NNE	1.4	1.0	1.0	1.0	1.0							14.0	1.0
NE	1.0	1.0	1.0	1.0	1.0							10.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0							10.0	1.0
E	1.0	1.0	1.0	1.0	1.0							10.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							10.0	1.0
SE	1.0	1.0	1.0	1.0	1.0							10.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							10.0	1.0
S	1.0	1.0	1.0	1.0	1.0							10.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
SW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
W	1.0	1.0	1.0	1.0	1.0							10.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
NW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0							10.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0							10.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0							10.0	1.0

TOTAL NUMBER OF OBSERVATIONS 7

USAFETAX 45 OL A

UNITED STATES AIR FORCE
 45-100
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 45-100 STATION NAME ATSUJITAMA JAPAN YEARS 77-80 MONTH 11
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	18.4	2.7	4.3	.6							1.2	5.8
NNE	4.4	.2	2.7	1.9	.2							1.7	6.1
NE	.	1.6	.3	.3								.2	5.0
ENE		.5										.2	5.0
E	.	.5										.2	5.0
ESE													
SE													
SSE	.											.2	1.0
S	.											.2	5.0
SSW	.											.2	5.0
SW	.	.2	.2	.2	.2							.2	5.0
WSW	.	.2	.2	.2	.2							.2	5.0
W	.	.2	.2	.2	.2							.2	5.0
WNW	.	.2	.2	.2	.2							.2	5.0
NW	1.1	.2	.2	.2	.2							.2	5.0
NNW	4.7	3.0	1.7	.6								1.2	4.7
VARBL	1.0											1.0	4.1
CALM												1.0	
	27.0	35.4	18.4	8.2	1.1								

TOTAL NUMBER OF OBSERVATIONS 632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

USAFETAC FORM 0-10-51 (OL A)
JULY 54

WEATHER CONDITIONS

STATION NAME STATION NUMBER YEARS MONTH

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS
OCCURRING DURING MONTHLY PERIOD

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	240	0.0	4.7		1.0		0.0	1.0	0.0			0.0	5.7
FEB		0.0	0.0		0.0	0.0	1.0	0.0	0.0			0.0	1.0
MAR		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
APR		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
MAY		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
JUN		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
JUL		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
AUG		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
SEP		0.0	0.0		0.0		0.0	0.0	0.0			0.0	0.0
OCT		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
NOV		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
DEC		0.0	1.0	0.0	0.0		1.0	0.0	0.0			0.0	1.0
TOTALS		0.0	1.0	0.0	0.0	0.0	1.0	1.0	0.0			0.0	2.0

1. NAME OF STATION
 2. LOCATION
 3. ELEVATION

WEATHER CONDITIONS

STATION: TOSU, JAPAN YEAR: 1957 MONTH:

MONTHLY FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1-5	71		4.4		.4		.1	1.4	2.1			1.1	227
6-10	121		4.1				4.1	1.2	.4			1.1	31
11-15	151		4.4				4.4	.9	1.1			1.1	100
16-20	181		2.3				.1	1.1	17.1			2.1	100
21-25	211		2.1		.1		1.4	.5	1.1			1.1	17
26-30	241		1.1		.4		1.1	1.1	2.1			2.1	114
31-3	271		1.1		.4		1.1	2.4	2.1			2.1	11
4-7	301		1.1		.1		.1	2.1	17.1			14.1	77
8-11	331												
12-15	361												
16-19	391												
20-23	421												
24-27	451												
28-31	481												
TOTALS			1.4		.2		1.1	1.2	1.1			1.1	100

1. STATION NAME
 2. STATION NUMBER
 3. STATION TYPE

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

1. DATE OF PREPARATION OF RECORD OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-1			1.0				1.0	1.0					1
1-2			1.0				1.0	1.0					1
1-3			1.0				1.0	1.0					1
1-4			1.0				1.0	1.0					1
1-5			1.0				1.0	1.0					1
1-6			1.0				1.0	1.0					1
1-7			1.0				1.0	1.0					1
1-8			1.0				1.0	1.0					1
1-9			1.0				1.0	1.0					1
1-10			1.0				1.0	1.0					1
1-11			1.0				1.0	1.0					1
1-12			1.0				1.0	1.0					1
1-13			1.0				1.0	1.0					1
1-14			1.0				1.0	1.0					1
1-15			1.0				1.0	1.0					1
1-16			1.0				1.0	1.0					1
1-17			1.0				1.0	1.0					1
1-18			1.0				1.0	1.0					1
1-19			1.0				1.0	1.0					1
1-20			1.0				1.0	1.0					1
1-21			1.0				1.0	1.0					1
1-22			1.0				1.0	1.0					1
1-23			1.0				1.0	1.0					1
1-24			1.0				1.0	1.0					1
1-25			1.0				1.0	1.0					1
1-26			1.0				1.0	1.0					1
1-27			1.0				1.0	1.0					1
1-28			1.0				1.0	1.0					1
1-29			1.0				1.0	1.0					1
1-30			1.0				1.0	1.0					1
TOTALS			1.0				1.0	1.0					1

U.S. AIR FORCE
 1. NAME OF STATION
 2. LOCATION
 3. DATE

WEATHER CONDITIONS

STATION NUMBER: 14-07 STATION NAME: DART STATION YEARS: 1944-1945 MONTH: 1945

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-12			10.0				10.0	10.0	1.0			1.0	10
1-12		.4	10.0				10.0	17.0	1.1			1.0	10
1-12			17.1				17.1	10.0	4.0			10.0	10
1-12			10.0				10.0	7.0	10.0			10.0	10
1-12			14.0				14.0	0.7	11.0			14.0	14
1-12		.2	10.0				10.0	.3	10.0			10.0	10
1-12		.2	14.0				14.0	10.0	1.0			10.0	14
1-12			10.0				10.0	10.0	1.0			10.0	10
TOTALS		.1	10.0				10.0	10.0	7.0			10.0	10

WEATHER CONDITIONS

4-1

MONTH

MONTH	HOURS LAST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1	1-7	.1	2.0				1.0	24.4	.1			.1	1
	8-14	.3	1.5				11.1	12.4	.1			.1	7
	15-21	.3	2.3				23.1	17.2	.1			.1	8
	22-28		1.2				11.1	1.5	11.7			.1	1
	1-14	.3	17.4				17.4	4.7	11.1			1.1	14
	15-17	.1	17.4				19.1	5.1	1.1			1.1	16
	18-21	.7	19.7				19.1	11.7	1.1			1.1	18
	22-28	.8	2.3				.1	11.1	1.1			.1	2
TOTALS		.5	2.1				11.1	13.2	1.1			1.1	564

WEATHER CONDITIONS

RELATIONSHIP BETWEEN FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS AND MONTHLY PRECIPITATION

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-2	1.0	.1	1.0				14.0	24.0	1.0			2.0	13
3-4	1.0	.4	1.4				14.0	10.0	.			2.0	17
5-6	1.0	.1	1.4				14.0	29.9	4.0			2.0	17
7-8	1.0	.0	1.0				10.1	4.0	11.0			2.0	17
9-14	1.0	.4	1.0				10.0	1.0	11.0			1.0	17
15-17	1.0	1.0	1.0				1.0	1.0	1.0			1.0	17
18-20	1.0	.7	1.4				10.0	12.0	1.7			1.0	17
21-22	1.0	.4	1.4				17.0	11.0	.0			1.0	17
TOTALS	1.0	1.4	1.4				14.0	17.7	7.0			1.0	17

U.S. AIR CLIMATOLOGY HANDBOOK
 USAFETAC
 WEATHER SERVICE/NAC

WEATHER CONDITIONS

STATION: ATGUST NAC JAPA YEARS: 74-75 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-01	.5	17.7				17.7	32.1	.1			71.	31
	02-03	.4	18.6				18.6	32.6	.1			71.	31
	04-05		17.7				17.7	32.1	.1			71.	31
	06-07	.2	18.3				18.3	32.4	.1			71.	31
	08-09	.2	18.3				18.3	32.4	.1			71.	31
	10-11	.2	18.3				18.3	32.4	.1			71.	31
	12-13	.3	18.3				18.3	32.4	.1			71.	31
	14-15	.3	18.3				18.3	32.4	.1			71.	31
	16-17	1.1	17.1				17.1	31.3	11.1			71.	31
	18-19	1.4	17.7				17.7	32.3	1.3			71.	31
	20-21	1.3	18.3				18.3	32.4	.3			71.	31
TOTALS		.5	18.9				18.9	32.5	.1			71.	31

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1-1-57	24	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	24
2-1-57	24	0.1	19.1	0.0	0.0	0.0	19.1	0.0	0.0	0.0	0.0	0.0	24
3-1-57	24	0.0	24.1	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0	0.0	24
4-1-57	24	0.0	21.1	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	24
5-1-57	24	0.0	18.4	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0	24
6-1-57	24	1.0	19.2	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0	24
7-1-57	24	1.0	18.9	0.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	0.0	24
8-1-57	24	0.0	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	24
9-1-57	24	0.0	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	24
10-1-57	24	0.0	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	24
11-1-57	24	0.0	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	24
12-1-57	24	0.0	18.5	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	24
TOTALS		0.4	18.9	0.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	0.0	240

WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WILDT-
CATCHING IN THE STUDY AREA.

MONTH	HOURS LST:	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1-4	-1	.1	1.0				1.0	1.7	1.0			1.0	4
5-10		.1	1.0				1.0	1.7	1.0			1.0	10
11-15		.1	1.0				1.0	1.4	1.0			1.0	15
16-20			1.0				1.0	1.7	1.0			1.0	20
21-25		.1	1.0				1.0	1.7	1.0			1.0	25
26-30		.1	1.0				1.0	1.7	1.0			1.0	30
31-35		.1	1.0				1.0	1.7	1.0			1.0	35
36-40		.1	1.0				1.0	1.7	1.0			1.0	40
41-45		.1	1.0				1.0	1.7	1.0			1.0	45
46-50		.1	1.0				1.0	1.7	1.0			1.0	50
51-55		.1	1.0				1.0	1.7	1.0			1.0	55
56-60		.1	1.0				1.0	1.7	1.0			1.0	60
61-65		.1	1.0				1.0	1.7	1.0			1.0	65
66-70		.1	1.0				1.0	1.7	1.0			1.0	70
71-75		.1	1.0				1.0	1.7	1.0			1.0	75
76-80		.1	1.0				1.0	1.7	1.0			1.0	80
81-85		.1	1.0				1.0	1.7	1.0			1.0	85
86-90		.1	1.0				1.0	1.7	1.0			1.0	90
91-95		.1	1.0				1.0	1.7	1.0			1.0	95
96-100		.1	1.0				1.0	1.7	1.0			1.0	100
TOTAL		.1	1.0				1.0	1.7	1.0			1.0	100

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

MONTHLY SUMMARY OF OCCURRENCE OF WEATHER CONDITIONS FROM HEAVILY TO MINIMAL

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1	-		14.4				14.4	10.0	.			11.0	14
2	-	.1	17.1				17.1	1.0	1.0			1.0	19
3	-		17.0		.1		17.0	14.5	.1			1.0	17
4	-11		16.0				16.0	4.0	1.0			17.0	17
5	-14	.2	16.9				16.9	1.0	1.0			11.0	17
6	-17	.7	11.4				11.4	1.7	1.0			1.0	17
7	-10	.1	16.1				16.1	1.0	1.0			1.0	16
8	-10	.1	17.0				17.0	1.0	1.0			11.0	17
TOTALS		.1	1.3		.1		1.4	7.3	1.0			1.0	14

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 170700 ATSUJI JAPAN 14-85 YEARS MONTH 11-12-1400 HOURS (LST)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	5.5	5.5	.6	.3						24.5	7.7
NNE		3.4	7.7	8.3	.3							21.2	6.4
NE	1.2	2.7	3.7	1.1								7.7	6.2
ENE	1.3	2.5	1.1	.2								5.2	5.6
E		1.6	.5									2.2	5.1
ESE	1.1	1.6	.7									3.3	4.4
SE		1.7	.1									1.7	4.1
SSE	1.7	1.3		.1								.5	4.7
S	1.7	4.6	4.0	3.3	.3							17.0	7.5
SSW	.4	1.5	.7	2.2	1.7							7.0	1.6
SW	.1	1.1	.7	1.4	1.4	.1						7.0	1.6
WSW		.4	.4	.3	.1							1.7	5.3
W		.1	.4	.1								1.2	5.6
WNW		.1	.1	.4	.1							.5	1.1
NW		.2	.1	.2	.1							.5	5.4
NNW		.7	1.1	.6	.1							2.8	5.9
VARBL	.1	.6										1.5	2.4
CALM												1.5	
	16.3	27.2	32.3	16.4	4.4	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 40780 STATION NAME ATSUJIN JAPAN YEARS 74-83 MONTH 14 NORTH
ALL WEATHER CLASS 1 0-175 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	4.1	4.5	1.2	.7						1.4	1.4
NNE	.0	3.0	4.7	3.4	.6							1.9	2.9
NE	.0	3.0	7.3	1.2								1.2	3.0
ENE	.0	3.1	2.0									.6	3.0
E	1.7	3.3	.7									.0	4.3
ESE	1.0	3.6	1.0									4.0	3.0
SE	.0	2.5	1.0	.1								4.0	5.6
SSE	.0	2.0	1.0	.1								4.0	3.0
S	.0	4.3	5.7	1.7	.4							1.3	7.4
SSW	.0	.0	.0	3.0	.6	.0						.1	11.1
SW	.0	.0	1.1	2.3	1.0							.0	12.5
WSW	.1	.1	1.0	.3	.1	.1						1.0	10.0
W	.0	.0	.1	.1								.0	5.7
WNW	.0	.0	.0									.0	0.0
NW	.1	.0	.0									.0	3.0
NNW	.0	.0	.0	.0	.1							.0	1.1
VARBL	.0	.0	.1									.0	2.7
CALM												.1	
	12.0	30.4	32.0	16.9	4.9	1.0						1.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17397 ATSUJIMA JAPAN STATION NAME 74-23 YEARS MONTH 1-12-50
CLASS ALL WEATHER HOURS (LST) 1-12-50
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	7.2	11.2	5.7	.5	.2						2.4	7.7
NNE	2.1	5.7	5.2	2.4	.3	.1						1.2	7.1
NE	1.1	3.1	1.4	.1								.4	5.1
ENE	1.1	1.8	.2									.3	5.7
E	1.1	1.4	.1									.4	5.4
ESE	.1	.1	.1									1.1	3.5
SE	.1	.1										.1	3.3
SSE	.1	.1	.1									1.1	3.2
S	.1	1.1	.3	.5								1.1	5.7
SSW	.1	.7	.1	.1	.1							1.1	7.7
SW	.1	.1	1.1	1.1	.3							1.1	9.1
WSW	.1	.1	.1	.1	.1							1.1	8.1
W	1.1	.1	.1	.2								1.1	5.1
WNW	.1	.1	.1	.1								1.1	4.5
NW	1.1	1.4	.1	.1								.1	4.6
NNW	1.1	3.7	1.1	.1	.1							.1	6.4
VARBL	1.1											1.1	2.1
CALM												.1	
	27.2	24.5	25.3	11.3	1.4	.3						1.1	5.2

TOTAL NUMBER OF OBSERVATIONS 12

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUBI NAS JAPAN YEARS 74-83 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.2	13.2	11.1	4.2	.8	.3						1.0	6.7
NNE	7.2	5.8	5.5	1.4	.3							1.0	6.0
NE	1.0	.7	.3									.1	4.0
ENE	.4	.7										.1	3.0
E	.7											.1	2.0
ESE	1.0		.1	.1								1.0	3.0
SE		.1										.1	3.0
SSE	.1	.1										.1	3.0
S	.1	.4			.1							1.0	4.0
SSW	.1	.3	.6	.6								.3	6.0
SW	.1	.1	.7	1.1								.1	5.4
WSW	.1	.4	.6	.6								.1	7.0
W	.7	.6	.1	.1								1.0	4.0
WNW	.1	.4	.1									1.0	3.0
NW	2.6	1.7	.7		.1							.1	4.0
NNW	4.2	5.1	2.7	.3								1.0	4.7
VARBL	1.0											1.0	4.3
CALM												1.0	
	26.1	30.6	22.1	7.2	1.4	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 71

LOCAL CLIMATOLOGY BRANCH
USAFETAC
NO. WEATHER SERVICE 7440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUGI NAS JAPAN STATION NAME 74-01 YEARS 1 MONTH 1

CLASS ALL WEATHER

CONDITION

HOURS (L & T) 311

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	13.2	3.2	4.4	.7	.2						2.1	7.1
NNE	.2	5.1	6.1	3.4	.6	.2						2.4	7.1
NE	1.2	2.7	1.3	.6	.6							.2	5.2
ENE	.	1.4	.6	.1								.1	5.0
E	.	1.1	.2									.1	4.0
ESE	.	.7	.2									.1	4.3
SE	.	.7	.2									.1	4.5
SSE	.7	.7	.4	.2	.8							.2	4.7
S	1.2	1.2	1.3	.7	.1							.3	7.0
SSW	.	.	.2	1.1	.7	.2						.4	5.4
SW	.	.	.7	1.2	.6	.2	.2					.2	11.1
WSW	.	.4	.6	.6	.1	.2						.1	2.1
W	.	.3	.2	.1								.1	4.5
WNW	.	.7	.1	.1	.2							.2	2.4
NW	1.1	1.2	.3	.1	.2							.2	4.4
NNW	2.2	3.2	2.1	.7	.1							.2	2.2
VARBL	.2	.2	.2									.2	2.3
CALM												.2	
	41.2	30.1	25.4	12.1	2.2	.3	.5					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 4025

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
1000 WATTS SERVICE ROAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 470790 STATION NAME WTSUJI MAR JAPAN YEARS 77-82
CLASS ALL WEATHER MONTH FEB
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	16.7	14.7	2.9								5.4	6.2
NNE	5.1	5.7	9.7	2.8								2.9	7.0
NE	5.2	1.3	5.6	5.2								5.2	5.4
ENE	1.5	5.7	5.5									1.5	4.0
E													
ESE	5.7											5.7	1.0
SE		5.7										5.7	5.0
SSE	5.7											5.7	3.0
S	5.7	5.7	5.7	5.3								1.4	5.0
SSW	5.7	5.7	1.7	5.7								4.0	5.3
SW		5.7	5.7	5.5								2.1	2.8
WSW		5.7										5.7	5.0
W	1.5	5.5										2.4	5.3
WNW	5.7	5.7										2.2	3.1
NW	1.5	1.7	5.5									5.5	4.4
NNW	5.7	4.7	1.7	5.9	5.2							1.1	5.5
VARBL	1.5	5.2										1.2	4.1
CALM													
	17.7	34.7	29.2	5.2	5.2							5.2	5.4

TOTAL NUMBER OF OBSERVATIONS 574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 178740 ATSUJI MAR JAPAN STATION NAME 74-53 YEARS MONTH 02
CLASS ALL WEATHER HOURS (LST) 7300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.5	15.7	2.2								42.2	2.2
NNE	2.2	5.7	4.2	2.2	.1							12.2	2.2
NE	.7	1.4	.7	.1								2.9	2.2
ENE	.7	.1	.1	.1								.7	2.2
E	.7											.7	2.2
ESE	.7											.7	2.2
SE	.7											.7	2.2
SSE	.7	.1										.7	2.2
S	.7	.4	.7	.1		.1						1.7	2.2
SSW	.7	.4	.4	.5			.1					1.7	2.2
SW	.7	.7	.4	.7		.1		.4				1.7	2.2
WSW			.7	.3								.7	2.2
W	.4	.5	.1									.7	2.2
WNW	.7	.7	.1									.7	2.2
NW	.7	1.7	.4	.3								.7	2.2
NNW	2.4	3.7	3.7	1.1								11.0	2.2
VARBL	1.0	.1										1.0	2.2
CALM												11.1	2.2
	17.2	35.7	27.1	7.1	.1	.3	.4					11.2	2.2

TOTAL NUMBER OF OBSERVATIONS 7300

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME ATLANTIC CITY, NJ YEARS 74-80 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	20.7	15.8	4.6								4.8	6.2
NNE	.1	4.7	3.4	2.3	.4							1.9	5.7
NE	.1	.7	.2	.2								.1	3.5
ENE	.1	.4	.1									.1	4.2
E	.1	.2										.1	2.5
ESE	.1											.1	2.0
SE	.1											.1	4.0
SSE		.1										.1	4.0
S		.1	.5	.4	.1							1.2	7.7
SSW	.1	.2	.4	.5		.1						1.3	7.2
SW	.1	.4	.1	.7			.1					1.0	9.9
WSW	.4	.2			.1		.1					.1	5.4
W	1.0	.2		.1								1.3	4.0
WNW	.1	.6										1.1	3.2
NW	1.4	1.8	.7	.1								1.0	4.0
NNW	.1	4.6	2.2	.8	.1							11.2	5.0
VARBL	.1	.5										1.1	2.4
CALM												.1	
	10.1	35.5	25.7	9.7	.7	.1	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 51

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATKINS ATTS SERVICE 1010

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATKINS ATTS JAPAN 74-22 YEARS 1 MONTH 1
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	0.5	14.4	1.5	1.2							23.2	1.2
NNE	2.5	3.5	5.0	4.0								12.7	1.2
NE	1.1	2.7	1.7	1.5								6.4	1.2
ENE		1.1	0.2	1.1								2.1	1.2
E	1.1	0.1	1.1									3.3	1.2
ESE	1.1	0.5										1.6	1.2
SE	1.1	0.4										1.5	1.2
SSE	1.1	0.4	0.4	0.1	0.1							2.1	1.2
S	1.1	1.1	2.1	0.2	0.2							3.7	1.2
SSW	0.4	0.4	0.5	0.2	0.1							1.6	1.2
SW	0.4	0.1	0.7	0.7								2.1	1.2
WSW	0.4	0.4	0.1	0.2	0.1							1.6	1.2
W	0.4	0.4	0.2	0.5								2.1	1.2
WNW	0.4	0.1										0.7	1.2
NW	0.4	1.1	0.7	0.1								2.1	1.2
NNW	0.4	1.1	3.4	1.7	0.1							7.7	1.2
VARBL	4.1	1.1										5.2	1.2
CALM												0.1	1.2
	10.7	24.6	31.4	10.7	1.8	0.1						10.0	1.2

TOTAL NUMBER OF OBSERVATIONS 11

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME 74-102 YEARS 1952 MONTH 12
 CLASS ALL HOURS (L.S.T.) 1400

CONDITION

SPD DRT DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.1	4.5	.7						1.8	2.4
NNE			4.1	1.2	.3	.1					1.8	2.4
NE			2.2	1.2	.3						1.8	2.4
ENE			1.2								4.7	6.7
E											4.7	6.7
ESE											1.1	6.3
SE											4.7	6.7
SSE			1.7	1.5							4.7	6.7
S			1.7	1.5	.3						1.7	6.7
SSW			1.7	1.5	1.2	.7					1.7	11.4
SW			1.7	1.5	1.2	.7					1.7	11.4
WSW					1.1						1.7	11.4
W					.4						1.7	11.4
WNW					.4						1.7	11.4
NW					.4						1.7	11.4
NNW					.7	.1					1.7	11.4
VARBL	7.1	6.1									1.7	11.4
CALM											1.7	11.4
	1.7	2.4	2.4	1.2	.5	.5					1.7	7.1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 WEATHER SERVICE, WASH

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70740 STATION NAME ATSUJI, JAPAN YEARS 14-3 MONTH 7-17
 CLASS ALL-ALL
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	4.4	5.1	1.2	.1						1.1	1.1
NNE	.1	2.3	4.4	4.7	.2							11.6	1.2
NE	.1	1.2	2.2	1.6								.7	.6
ENE	.1	1.2	1.5	.3								3.0	0.4
E	.1	2.3	2.2	.1								.9	1.2
ESE	.1	1.2	1.7									1.5	0.2
SE	.1	1.2	1.7									.4	1.2
SSE	1.2	2.1	1.5									7.0	1.2
S	.1	4.2	8.2	2.3	.2							17.0	7.0
SSW	.7	1.2	4.9	2.7	.6	.2						1.0	1.2
SW	.4	.4	1.1	2.3	1.2							.1	1.2
WSW	.1	.1	.7	.7	.2							.1	1.2
W	.1	.2	.2	.2								.1	1.2
WNW	.1		.4	.2								.1	1.2
NW	.1		.4	.4	.1							.1	1.2
NNW		.4	.5	1.0	.5	.1						.1	1.2
VARBL	1.2	1.1										.1	.1
CALM												.1	.1
	11.1	3.3	34.2	21.0	4.5	.5							

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 01-01-2001 BY 60322

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1951-1952 MONTH JAN
 CLASS ALL HOURS ALL
 CONDITION

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•	•	•	•	•	•
NNE	•	•	•	•	•	•	•	•	•	•	•	•	•
NE	•	•	•	•	•	•	•	•	•	•	•	•	•
ENE	•	•	•	•	•	•	•	•	•	•	•	•	•
E	•	•	•	•	•	•	•	•	•	•	•	•	•
ESE	•	•	•	•	•	•	•	•	•	•	•	•	•
SE	•	•	•	•	•	•	•	•	•	•	•	•	•
SSE	•	•	•	•	•	•	•	•	•	•	•	•	•
S	•	•	•	•	•	•	•	•	•	•	•	•	•
SSW	•	•	•	•	•	•	•	•	•	•	•	•	•
SW	•	•	•	•	•	•	•	•	•	•	•	•	•
WSW	•	•	•	•	•	•	•	•	•	•	•	•	•
W	•	•	•	•	•	•	•	•	•	•	•	•	•
WNW	•	•	•	•	•	•	•	•	•	•	•	•	•
NW	•	•	•	•	•	•	•	•	•	•	•	•	•
NNW	•	•	•	•	•	•	•	•	•	•	•	•	•
N	•	•	•	•	•	•	•	•	•	•	•	•	•
ALL	•	•	•	•	•	•	•	•	•	•	•	•	•
A.M.	•	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 01-01-2001 BY 60322

LOCALITY: IMPERIAL VALLEY

STATION: 1000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1000 STATION NAME: IMPERIAL VALLEY YEARS: 1941-1942 MONTH: 1-12 CLASS: 1-12 CONDITION: 1-12

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

1. WIND DIRECTION IS OBSERVED BY VISUAL MEANS OR BY INSTRUMENTS.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (L S T) _____
CONDITION _____

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
E	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
S	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
W	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0							1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0							1.0	1.0

TOTAL NUMBER OF OBSERVATIONS _____

1. NAME OF STATION
2. LOCATION
3. DATE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 CLASS _____
 CONDITION _____

SPEED KNTS, DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	11.0	10.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0
NNE	0.0	4.0	4.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0
NE	0.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
ENE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.0	1.4	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
SSW	0.0	0.0	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
NW	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
NNW	1.0	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
VARBL	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
CALM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.0	10.0	20.1	14.2	4.1	0.0	0.0	0.1	0.0	0.0	0.0	1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 71

LOCAL CLIMATE DATA
 STATION
 WEATHER SERVICE YEAR

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74- STATION NAME ALL-WEATHER CLASS MONTH HOURS (L.S.T.)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	7.4	12.5	12.6	3.5								1.0	6.4
NNE	1.0	5.0	4.7	1.4								1.0	5.0
NE		1.0	1.1	.1								1.0	5.0
ENE	.1			.1								1.0	5.0
E		.1										1.0	5.0
ESE		.1										1.0	5.0
SE		.1		.3								1.0	5.0
SSE		.4	.1									1.0	5.0
S		7.5	1.4	1.6	1.3							1.0	5.0
SSW		.5	1.5	1.4	1.3							1.0	5.0
SW		.5	.3	.1	.3							1.0	5.0
WSW		.4	.1	.1								1.0	5.0
W		.3	.1									1.0	5.0
WNW		.7	.1									1.0	5.0
NW	1.4	1.7	.1									1.0	5.0
NNW	1.1	4.0	2.7	.9	.3							1.0	5.0
VARBL	1.0	.3										1.0	5.0
CALM												1.0	5.0
	1.0	33.0	22.4	10.2	4.2	1.0						1.0	5.0

TOTAL NUMBER OF OBSERVATIONS 74

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	DATE	TIME	MOON
		77-03		
CLASS		ALL WEATHER		
CONDITION		HOURS IN ST		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,100

U.S. NAVAL CLIMATE DIVISION
 WASHINGTON, D.C.
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-00000 STATION NAME ALL WEATHER YEARS 1941-1942 MONTH 1
 CLASS ALL WEATHER HOURS 11 51
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.2	0.7	1.0	5.9	0.1	0.1						2.1	2.1
NNE	1.0	4.1	5.1	3.1	0.3	0.1						1.0	2.0
NE	0.1	2.1	2.1	0.6	0.1	0.1						0.1	2.0
ENE	0.1	1.3	0.1	0.2								0.1	0.6
E	0.1	1.4	1.7	0.5								0.1	0.6
ESE	0.1	1.0	0.7	0.1								0.1	0.6
SE	0.1	0.1	0.1	0.1	0.1	0.2		0.1				0.1	0.6
SSE	0.1	0.7	0.2	0.2				0.1				0.1	0.6
S	0.1	1.0	2.1	2.4	0.5	0.2	0.1	0.1				0.1	2.0
SSW	0.1	1.1	2.1	1.6	0.5	0.2	0.1	0.1				0.1	2.0
SW	0.1	0.1	0.1	0.6	0.3	0.1	0.1	0.1				0.1	1.0
WSW	0.1	0.1	0.1	0.2	0.1	0.1						0.1	0.7
W	0.1	0.1	0.2	0.1	0.1	0.1						0.1	0.3
WNW	0.1	0.1	0.1	0.1	0.1	0.1						0.1	0.4
NW	0.1	0.1	0.2	0.1	0.1	0.1						0.1	0.4
NNW	1.1	2.1	1.0	1.2	0.2	0.2						0.1	2.0
VARBL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.0
CALM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	17.4	20.4	27.7	16.6	2.6	0.6	0.1	0.1				0.1	7.3

TOTAL NUMBER OF OBSERVATIONS 65

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 48790 ATOLL NAS JAPA STATION NAME 74-53 YEARS 1A MONTH 1-12-53 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.7	7.5	11.7	5.7	.1							1.8	7.2
NNE	1.1	6.1	4.7	3.0								1.1	7.5
NE	.1	2.3	2.7	1.1	.1							.1	7.7
ENE	1.1	1.5	1.1									.1	5.1
E	1.1	1.5	1.1									.1	5.3
ESE	.1	1.1										.1	3.1
SE	.1	1.1	.1									.1	4.5
SSE	.1	.4	.7									.1	4.1
S	.1	1.5	1.2	.7	.1							.1	7.1
SSW	.1	1.5	1.4	1.1	.3							.1	6.4
SW	.1	1.5	.6	.4		.1		.1				.1	11.1
WSW	.1	.7	.7	.3								.1	5.6
W	1.1	.6	.1									.1	3.5
WNW	.1		.7									.1	3.7
NW	.1	.7	.4	.1								.1	6.5
NNW	1.1	3.2	1.5	.7	.1							.1	6.1
VARBL	.1	.1										.1	2.1
CALM												.1	
	17.7	33.1	27.5	13.2	1.2	.1		.1				1.1	6.4

TOTAL NUMBER OF OBSERVATIONS 77

LOCAL CLIMATE BY BRANCH
USAFETAC
AFWPCAT - SERVICE AREA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 47-790 ATSUOJI NAS JAPAN STATION NAME 74-83 YEARS NORTH
ALL WEATHER CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	5.7	4.8	.6							12.1	4.4
NNE	.1	2.4	4.7	7.7	.1							12.1	4.4
NE	.1	1.4	1.6	1.6	.1							4.2	2.2
ENE	.1	1.7	1.7	.7								3.1	1.7
E	.7	2.3	2.7	.6								5.1	2.5
ESE	1.7	2.7	.7									5.1	4.6
SE	.6	1.7	.7	.1								3.1	4.7
SSE	.1	.8	.4	.1								1.1	1.1
S	1.7	4.7	7.7	1.4	.4							11.1	7.2
SSW	1.4	3.3	7.7	1.7	.4							11.1	7.3
SW	1.7	2.6	1.4	1.7	.1	.1						5.1	7.5
WSW	1.7	1.7	1.2	.6								4.1	4.6
W	.1	.6	.7	.1								1.1	1.7
WNW	.1	.7	.7	.1								1.1	7.1
NW	.4	.7	.7		.1							1.1	1.1
NNW	.7	.0	1.7	1.2	.1							3.1	2.1
VARBL	1.7	.1										1.1	2.1
CALM												7.1	
	15.6	31.6	30.7	16.2	2.0	.1						10.1	7.1

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
100 WEST 66 STREET, 10AL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 WEST 66 STREET, 10AL STATION NAME 74-175 YEARS 1974-1975 MONTH 1974-1975
CLASS ALL WEATHER HOURS (LST) 1974-1975
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	5.1	7.5	1.2	.1						1.2	1.1
NNE	.7	1.6	3.1	5.7	.4	.1						1.6	5.9
NE	.7	1.7	1.4	1.5								.1	7.9
ENE	.7	1.2	.6	.7								.1	6.2
E	.7	1.6	3.4	.7								.3	7.1
ESE	.7	1.6	2.4	.7								.1	6.7
SE	.7	1.7	2.4	.1								.3	6.4
SSE	.7	1.7	1.7	.7								.3	7.4
S	.7	3.4	2.2	2.1	1.2	.3						1.2	1.3
SSW	.7	1.6	5.7	3.9	.8	.1						1.2	15.1
SW	.7	.6	1.7	1.1	.8	.3						.4	11.6
WSW	.7	.6	1.7	.6								.3	5.0
W	.7	.1	.7	.1								.1	7.1
WNW	.7	.6		.7								.1	6.6
NW	.7	.2	.7	.7	.2	.1						.1	15.4
NNW	.7	.2	.7	1.5	.4							.1	12.3
VARBL	1.1	.7										1.1	2.9
CALM												1.1	
	7.3	21.6	37.7	26.7	5.2	1.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 689

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 474797 STATION NAME ATSUBI NAT JAPAN YEARS 74-75 MONTH NORTH
 CLASS ALL WEATHER HOURS 1-1400
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.9	5.7	4.5	1.1	.3						11.1	1.1
NNE	.4	3.4	4.5	4.1	.8	.1						13.3	2.0
NE	.6	2.3	1.3	1.1		.1						5.7	7.7
ENE	.5	1.9	1.4	.6								4.4	6.3
E	.3	2.0	1.3	.2								3.8	6.4
ESE	.4	1.2	.2	.2								2.1	6.6
SE	.7	1.6	1.3	.1								4.7	5.6
SSE	.7	1.4	2.1	.4								4.7	6.4
S	1.3	3.7	6.4	5.1	1.5	.3						17.3	9.4
SSW	.3	.3	2.7	3.3	1.5	.5	.1					7.4	12.3
SW	.7	.3	1.3	.6	.3	.1		.1				3.1	1.3
WSW	.1	.1	.2			.1						1.3	6.3
W	.7	.4										1.1	3.3
WNW	.3	.1		.1	.4							1.1	14.3
NW	.3	.1		.1	.1							1.1	8.4
NNW	.3	.1	.3	1.7	.6	.1						3.7	12.5
VARBL	4.4	1.3	.2									6.2	6.6
CALM												1.2	
	17.7	24.1	33.3	21.4	5.9	1.3	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 475790 STATION NAME ATSUBI NAS JAPAN YEARS 74-80
CLASS ALL WEATHER MONTH 05-11
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.1	14.7	9.7	1.7							3.0	7.7
NNE	1.6	4.7	6.8	3.4	.6							1.0	6.7
NE	1.7	4.7	7.9	1.7								1.1	6.6
ENE	1.3	2.8	.8	.7								1.0	5.0
E	1.8	1.5	.4	.1								3.1	4.4
ESE	.4	.6	.1									1.1	3.7
SE	1.1	1.1	.7									2.0	3.7
SSE	.7	.7	.4	.7								4.0	5.2
S	1.7	1.7	.8	1.0	.6	.3						1.0	9.3
SSW	.4	.1	1.0	.8	.1	.3						1.0	10.7
SW	.7		.7	.7	.4	.1	.7					1.7	14.7
WSW		.7	.7		.1	.1						1.7	11.2
W	.7	.1	.1	.3								1.2	5.1
WNW	.1	.1		.1	.1							.4	10.3
NW		.1										.1	6.0
NNW	.7	.7	1.7	.9	.3	.1						1.7	9.6
VARBL	4.5	1.0										1.5	2.4
CALM												.0	
	16.7	24.0	31.7	19.7	3.9	1.0	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 80

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47740 STATION NAME ATSUJIT NAF JAPAN YEARS 74-75
CLASS ALL WEATHER
CONDITION

MOONTH NORTH
HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	6.7	17.7	15.5	5.3	4							1.4	7.2
NNE	4.1	1.5	1.5	1.7								1.4	6.1
NE	1.3		1.7	5								1.4	5.1
ENE												1.4	5.1
E												1.4	5.1
ESE												1.4	5.1
SE						1		1				1.4	5.1
SSE												1.4	5.1
S				4	2	4		1				1.4	16.1
SSW				7	3	1						1.4	15.1
SW				1		1						1.4	7.1
WSW						1						1.4	7.1
W												1.4	7.1
WNW		1		1		1						1.4	8.1
NW	1	1.7	1		1							1.4	8.1
NNW	1	4.1	2.3	1.4								1.4	8.1
VARBL												1.4	16.1
CALM												1.4	16.1
	17.4	32.4	29.7	12.9	1.1	1.5		1				1.4	8.1

TOTAL NUMBER OF OBSERVATIONS 97

GLOBAL CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 478797 STATION NAME AHSUST NAO JAPAN YEARS 74-83
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	20.3	14.4	7.4	.5							4.4	7.0
NNE	4.2	4.2	4.2	1.6								1.1	0.0
NE	1.1	1.6	1.7	.1								4.7	5.7
ENE	.	.2	.1									1.0	4.1
E	.	.2										.	0.0
ESE	.1	.1										.	4.0
SE	.	.			.1	.2						.4	11.3
SSE	.	.1										.4	2.7
S	.1	.7	.4	.1	.2		.2					1.7	11.7
SSW	.1	.1	.1	.1	.1	.2						1.0	11.0
SW	.	.1	.1									.2	7.0
WSW	.	.4	.		.1							1.4	5.5
W	.1	.1		.1								.0	0.0
WNW	.2	.1										1.0	2.7
NW	1.2	1.7	.7	.1								7.6	4.5
NNW	.7	1.1	2.7	1.6								1.1	0.1
VARBL	1.7											1.0	1.0
CALM												.4	
	13.7	35.9	26.2	12.0	1.1	.5	.2					1.0	0.0

TOTAL NUMBER OF OBSERVATIONS 870

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE, AFM

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUBUJI NAT JAPAN YEARS 77-80 MONTH ALL
 CLASS ALL WEATHER
 CONDITION
 HOURS (L & T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.7	17.6	13.2	4.2	.2							1.0	5.0
NNE	1.0	5.1	6.6	1.3								1.4	6.0
NE	1.1	2.1	2.6	.6								.4	6.0
ENE	1.1	.										.2	6.0
E	.2	.2										.1	6.0
ESE	.	.2	.6									.1	6.0
SE	.	.			.7							.4	10.0
SSE													
S	1.1	7.7	.2	.2	.6							.2	11.0
SSW	.	.2		.6	.6							.2	11.0
SW	.	.2	1.1	.6	.3	.2						.7	10.0
WSW	.	.											1.0
W	.2	.2		.2								1.2	4.0
WNW	.	.2	.2									.2	4.0
NW	.	1.1	.2	.2								.6	4.0
NNW	5.4	4.6	2.6	1.3								2.1	6.0
VARBL	7.2	7.7										.2	6.0
CAIM												.2	
	12.1	35.4	20.8	5.3	1.6	.2						1.0	

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (440)

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11760 STATION NAME TSUBOI JAPAN YEARS 74-3 MONTH 11
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SI
N	1.3	17.7	11.7	5.4	.6	.5						28.4	
NNE	1.3	4.4	7.5	3.5	.2	.1						15.7	
NE	.7	3.0	1.8	.7	.5							6.3	
ENE	.7	.0	.5	.5								1.4	
E	.7	1.1	.8	.1								2.6	
ESE	.4	.7	.7									1.8	
SE	.4	.5	.7	.1								1.6	
SSE	.7	.4	.1			.5						1.7	
S	1.1	1.5	2.6	1.2	.1	.1						4.6	
SSW	.7	1.3	1.3	1.2	.4	.1	.1					4.6	
SW	.4	.7	.7	1.1	.3	.5	.5					3.4	
WSW	.7	.4	.4	.5	.1		.1					1.9	
W	.7	.4	.7	.5								2.7	
WNW	.7	.4	.1	.1	.5							1.8	
NW	.7	1.1	.4	.7	.7							3.6	
NNW	1.3	2.6	2.6	.7	.3	.5						6.5	
VARBL	.7	.7										1.4	
CAIM												1.4	
	17.7	29.9	29.1	17.3	7.1	.3	.1					100.0	

TOTAL NUMBER OF OBSERVATIONS 6

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20330
 U.S. WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUBI NAS JAPAN STATION NAME 74-01 YEARS 1974-1975 MONTH 1-1
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	M W S
N	.3	.3	1.1	5.3	1.1	.1						11.2	1
NNE	.3	1.4	1.5	2.3	.3							5.8	
NE	.3	1.1	2.3	.3								4.0	
ENE	.3	.3	1.3	1.3								3.2	
E	.3	1.4	3.3	.7								5.7	
ESE	.1	.3	1.4	.3								2.1	
SE	.3	1.3	.3	.3								3.2	
SSE	.3	1.3	2.3	.3	.7							5.6	
S	.3	3.4	9.3	11.3	4.5	2.4						30.2	1
SSW	.3	1.4	3.3	4.3	2.1	2.2	.3					14.1	1
SW	.3	.3	.3	1.3	1.3	.3	.1					5.1	1
WSW	.3	.3	.3	.3								1.2	
W	.1	.1	.1	.1								0.5	
WNW	.1			.1								0.2	
NW		.3		.1								0.4	
NNW	.3	.3	.3	.3								1.2	
VARBL	.3	1.3										1.9	
CALM												1.8	
	7.2	10.0	22.4	30.1	9.9	5.5	.9					100.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
ATMOSPHERIC SERVICE/AFAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUBI SAT JAPAN STATION NAME 74-3 YEARS ALL 1951-60 MONTH 7-1
CLASS ALL 1951-60 HOURS (L.S.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	ME WI SPI
N		1.7	2.5	5.5		1.1						1.1	1
NNE	.7	.6	2.5	3.4	.2							1.1	1
NE		1.1	1.1	.3									1
ENE	.1	.3	1.7	1.0								1.1	1
E	.1	1.1	3.3	1.7	.1							1.1	1
ESE	.1	1.3	2.1	.2								1.7	1
SE	.1	.3	.6	.1								1.1	1
SSE	.1	.3	1.5	.6	.2							1.1	1
S	.7	1.7	8.2	15.7	5.1	1.3	.1					1.1	1
SSW	.1	1.3	4.2	7.2	2.7	1.1	.6					1.1	1
SW	.7	.3	.5	1.6	.9	.1	.1					1.4	1
WSW	.1	.3	.2	.3	.1							1.1	1
W		.2		.2	.1							1.1	1
WNW	.1			.2	.1							1.1	1
NW				.2								1.1	1
NNW	.1		.1	.2								1.1	1
VARBL	.1	.1										1.1	1
CALM												1.1	1
	.1	1.6	2.2	3.6	1.1	3.5	.6					1.1	1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAO

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75720 STATION NAME ATSUBUTAI JAPAN YEARS 74-75 MONTH ALL
 CLASS ALL WEATHER
 CONDITION
 HOURS 11.5

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPI
N	1.2	2.6	7.6	4.6	1.6	.2						1.1	1
NNE		1.7	1.7	5.6								.5	
NE		.7	1.6	1.1								.5	
ENE		1.7	.7	.8								.5	
E		1.8	5.6	.1								.8	
ESE		.7	.6	.1								1.5	
SE			.7	.1								.6	
SSE	1.8	1.7	1.7	.7	.1	.1	.7					.8	
S		2.6	6.6	7.7	1.4	.5	.6					1.1	1
SSW	1.1	2.6	4.6	5.4	1.2	1.4	.2	.1				1.1	1
SW		1.7	1.7	2.3	.6							.5	1
WSW	.1	.7	.6	.7								1.5	
W	.7	.6	.5									.6	
WNW		.6	.1	.1								.5	
NW		.6	.1	.2								.5	
NNW		.7	.6	.7	.6							1.1	1
VARBL	1.3											1.2	
CALM												2.4	
	1.8	4.7	27.7	24.3	9.7	2.3	.5	.1				1.1	

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
USAFETAC
U.S. WEATHER SERVICE/MAJ

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 274790 ATSUJI NAS JAPAN YEARS 74-75 MONTH 11
CLASS ALL YEAR-19 HOURS (LST) 100-20

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEA WIN SPEED
N	2.2	4.7	7.7	3.4	.7	.1						1.0	6
NNE	1.7	3.0	3.7	2.4	.3							1.0	6
NE	1.4	1.1	2.7	.7	.1							1.0	7
ENE	.1	1.1	.7	.1								1.0	8
E	1.4	1.1	1.0									1.0	4
ESE	.7	.4										1.0	3
SE	.1	.4	.1									1.0	3
SSE	.1	.4	.4	.4	.1							1.0	6
S	2.4	5.4	5.7	4.2	.3	.4	.7					1.0	10
SSW	1.7	2.9	2.7	2.4	.7	.6	.7					1.0	10
SW	1.7	1.7	1.4	1.1	.5							1.0	4
WSW	1.7	.6	.7	.1	.1							1.0	4
W	.3	.1										1.0	4
WNW	.7	.5										1.0	4
NW	.4	1.7	.6									1.0	5
NNW	1.1	.7	1.7	1.1	.3	.7						1.0	7
VARBL	.1	.1										1.0	6
CALM												1.0	
	1.0	24.4	27.7	16.7	2.3	1.4	.6					1.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 478740 ATSUJI MAR JAPAN STATION NAME 7-81 YEARS MONTH ALL WEATHER CLASS HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.3	0.5	4.9	0.8	0.1						1.4	0.1
NNE	1.0	0.7	0.5	2.4	0.2							1.0	0.0
NE	0.0	1.0	0.0	0.0	0.0							0.0	7.0
ENE	0.0	1.1	0.0	0.0	0.0							0.0	0.0
E	0.0	1.1	1.0	0.3	0.0							0.0	0.0
ESE	0.0	0.0	0.0	0.1								0.0	0.0
SE	0.0	0.0	0.0	0.1								0.0	0.0
SSE	0.0	1.0	0.0	0.0	0.2	0.0	0.0					0.0	0.0
S	1.0	3.0	5.0	4.0	2.3	0.0	0.1					1.0	11.0
SSW	0.0	1.0	0.0	0.0	1.7	1.0	0.3	0.0				1.0	12.0
SW	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0				0.0	11.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0						0.0	0.0
W	0.0	0.0	0.1	0.1	0.0							0.0	0.0
WNW	0.0	0.0	0.1	0.1	0.0							0.0	0.0
NW	0.0	0.0	0.0	0.1	0.0	0.0						0.0	0.0
NNW	0.0	1.0	1.1	0.0	0.2	0.1						0.0	7.0
VARBL	1.0	0.0										0.0	2.0
CALM												0.0	
	17.0	23.0	26.0	21.0	6.1	2.0	0.0	0.0				10.0	

TOTAL NUMBER OF OBSERVATIONS 640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 170790 ATSUGI NA JAPAN 77-5 YEARS 1947
STATION NAME ALL WEATHER NORTH
CLASS 100-120
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	2.5	6.7	2.5	0.3							0.4	6.0
NNE	1.7	2.5	2.1	0.5								0.4	6.0
NE	0.0	0.0	0.0	0.0								0.0	2.0
ENE	0.0	0.0	0.0	0.0								0.0	4.0
E	1.0	0.0	0.0	0.0								0.0	2.0
ESE	0.0	0.0	0.0	0.0								0.0	2.0
SE	1.1	0.7	0.0	0.0								1.0	2.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0						0.0	5.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.2					0.2	6.0
SSW	1.0	1.0	0.0	0.0	0.0	0.3						0.3	6.0
SW	0.0	0.0	0.0	0.0	0.0	0.0						0.0	4.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0						0.0	2.0
W	0.0	0.0	0.0	0.0	0.0	0.0						0.0	2.0
WNW	1.0	1.1	0.0	0.0	0.0	0.0						0.0	2.0
NW	1.0	0.0	0.0	0.0	0.0	0.0						0.1	5.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0						0.0	5.0
VARBL	1.0	0.0	0.0	0.0	0.0	0.0						0.7	5.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
	27.7	5.6	12.0	2.1	2.0	0.5						1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 64

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
NAVY WEATHER SERVICE/ZNAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUGI NAS JAPAN STATION NAME ATSUGI NAS JAPAN YEARS 1954 MONTH ALL
CLASS ALL WEATHER HOURS (L & T) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	15.4	6.7	2.3	.1							2.4	2.2
NNE	4.3	3.4	2.7	1.5	.1							11.0	2.5
NE	.1	1.7	.7									2.5	4.5
ENE	.4	.5		.7								2.1	4.6
E	.1	.2										2.0	4.3
ESE													
SE	.4	.4										2.0	4.3
SSE	.1	.4	.7	.1								1.6	4.0
S	1.1	2.3	2.3	2.4	.2							10.8	5.0
SSW	.7	1.7	.3	.5	.7	.2	.1					4.0	5.0
SW	.7	.7	.5	.3		.1						1.9	7.6
WSW	.5	.1	.1									1.6	3.0
W	.7	.2	.1									1.0	3.3
WNW	.7	.7										1.4	3.5
NW	1.7	2.3	.7	.5								4.5	5.1
NNW	2.4	2.2	1.3	.7								7.6	5.2
VARBL	2.0	.4										2.4	2.1
CALM												1.0	
	24.0	35.6	15.5	9.6	1.2	.4	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 500

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06790 ATSUJI, AS, JAPAN STATION NAME 74-53 YEARS 1950-1953
 CLASS ALL WEATHER
 HOURS 11,817
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.0	11.0	9.3	7.2	.4	.2						11.1	8.4
NNE	3.0	5.6	5.0	.5	.3							11.1	8.4
NE	3.0	1.5	1.7									11.1	8.4
ENE		.4	.4									11.1	8.4
E		.2										11.1	8.4
ESE												11.1	8.4
SE		.1										11.1	8.4
SSE		.1	.1	.1								11.1	8.4
S	1.0	2.1	2.7	1.1	.5	.3						11.1	8.4
SSW		.9	2.1	1.5	.7	.3						11.1	8.4
SW		.2	.2	.2		.1						11.1	8.4
WSW	.4	.2	.2									11.1	8.4
W	.4	.1		.2								11.1	8.4
WNW	.4	.4	.1									11.1	8.4
NW	1.0	.2	.2	.1								11.1	8.4
NNW	2.1	2.7	1.2	1.0	.2							11.1	8.4
VARBL	2.0	.1										11.1	8.4
CALM												11.1	8.4
	24.0	27.4	24.4	9.4	2.2	.9						11.1	8.4

TOTAL NUMBER OF OBSERVATIONS 11,817

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/NAAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUMI I. JAPAN STATION NAME 74-80 YEARS 1971-1972
 MONTH 11
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.0	3.7	4.1	.4							1.1	6.0
NNE	1.0	3.7	4.4	3.8	.1							1.0	7.7
NE	1.7	3.0	3.4	.6								.1	6.3
ENE	.7	1.0	.3	.3								.0	6.0
E	1.1	.4	.6	.3								.0	6.0
ESE	.4	.7	.7	.1								.0	6.0
SE	.7	1.7	.3									.0	4.4
SSE	1.7	2.0	.6	.3								.0	5.1
S	.7	3.7	3.7	3.2	1.8	.4						3.0	7.0
SSW	.0	1.2	3.7	3.7	1.3	.6						.0	12.1
SW	.0	.0	.3	.6	.1							.0	7.4
WSW	.0	.1	.3	.1								.0	7.0
W	.0	.3										.0	6.0
WNW	.0											.0	6.0
NW	.4		.1	.1		.1						.0	7.1
NNW	.1	.7	.4	.4	.2							.0	7.4
VARBL	1.7	1.7										.0	2.0
CALM												.0	
	21.7	24.4	24.7	22.7	4.0	1.3						1.1	7.0

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY - WIND
 USAFETAC
 WIND WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUBUTSU JAPAN CLASS ALL WEATHER YEARS 74-75 DAY 1 MONTH 14
 HOURS (LST) 1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.1	3.2	.5	.2						1.7	10.3
NNE	.1	1.5	2.4	.6	.3							1.4	6.1
NE	.1	.1	1.7	.6	.3							1.1	6.7
ENE	.1	1.2	1.1	1.7								1.4	6.3
E	.1	1.1	1.3	.6	.2							1.1	6.3
ESE	.1	1.1	2.7	.2	.1							4.5	6.0
SE	.1	1.3	1.2	.2								.1	6.0
SSE	.1	1.1	1.7	1.4	.4	.2						1.1	10.3
S	.1	7.7	13.7	18.3	5.7	.3						1.1	10.1
SSW	.1	1.1	4.7	6.2	2.1	1.7						1.1	10.1
SW	.1	.1	.6	.6	.4							1.1	6.7
WSW	.1	.4	.3	.1								1.1	6.1
W	.1											.1	6.1
WNW												.1	6.1
NW		.1		.1								.1	6.1
NNW		.2	.7	.1								1.1	6.7
VARBL	.1	1.1										.1	6.7
CALM												.1	1.1
	5.7	16.7	37.1	32.6	10.4	1.8						1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 571

SURFACE WINDS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	2.5	1.7	.6	.2						▲	11.1
NNE	.	1.4	.5	.6	.2							▲	8.0
NE	.	1.3	.7	1.2	.1							▲	8.5
ENE	.	.4	.2	.2	.1							▲	6.7
E	.	1.3	2.6	1.7	.1							▲	8.4
ESE	.	.4	1.3	.4								▲	7.1
SE	.	.4	1.2	.4								▲	6.4
SSE	.	.6	1.1	.7	.3							▲	5.7
S	.	3.5	11.1	21.2	6.6	.7	.1					▲	12.5
SSW	.	1.3	2.3	.5	1.7	.3	.4					▲	11.7
SW	.	.5	1.2	1.4	.3	.1						▲	11.2
WSW	.	.6		.1								▲	4.5
W	.	.2	.1									▲	3.8
WNW	.	.1										▲	2.8
NW	.	.1	.1	.1								▲	7.7
NNW	.1	.2	.4	.7								▲	6.1
VARBL	.7	.2										▲	6.2
CALM												▲	1.0
	5	14.7	32.2	35.7	12.2	1.3	.6					▲	1.0

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
 AFMPC
 400 WEATHER SERVICE CENTER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-00 STATION NAME 74-00 YEARS MONTH HOURS (L E T)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.4	1.4	2.2	.5								
NNE		1.1	1.7	1.3	.2								
NE		.7	.7	.7									
ENE		.7	.7										
E		1.5	1.4	1.3									
ESE		.7	.7	.7									
SE		1.4	.7	.1									
SSE		3.1	2.1	.7	.1								
S		7.0	14.4	11.6	1.5	.1							
SSW		2.2	4.7	4.6	1.1	.1							
SW		1.0	.7	.7	.2								
WSW		.7	.7	.1	.2	.1							
W		.7	.7										
WNW		.1		.1									
NW		.7	.1	.2	.1								
NNW		.4	.5	.7									
VARBL	1.1	.1											
CALM													
	11.7	4.6	32.1	24.1	6.4	.3							

TOTAL NUMBER OF OBSERVATIONS 1

CLIMATE DIVISION
AFETAC
WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10700 STATION NAME OTSUJI, JAPAN YEARS 74-75 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 100-100
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	4.4	4.6	7.7	0.3							2.4	4.4
NNE	0.0	0.0	2.0	1.6	0.3							0.3	7.0
NE	0.0	0.0	1.0									0.3	5.7
ENE	0.0	0.0	0.0									0.0	0.0
E	1.0	1.0	0.1	0.1								0.4	4.0
ESE	0.0	0.0	0.0	0.1								1.0	5.7
SE	0.0	0.0	0.0									0.0	0.0
SSE	0.0	0.0	0.0	0.0								0.0	0.0
S	0.0	0.0	1.0	4.0	0.0							0.0	7.7
SSW	0.0	0.0	0.0	0.0	0.0							1.0	5.0
SW	0.0	0.0	0.0	0.0	0.0							0.0	0.0
WSW	0.0	0.0	0.0	0.0								0.0	0.0
W	1.1	0.0										0.0	4.0
WNW	0.0	0.0	0.1									0.0	0.0
NW	0.0	0.0	0.0	0.0								0.0	0.0
NNW	1.0	1.0	1.1	0.0	0.1							0.0	7.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	21.0	5.4	24.0	17.0	0.0							1.0	6.1

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AGUAY A JAG STATION NAME 74-57 YEARS 1954 MONTH 11

CLASS ALL HOURS (LST) 11

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.7	4.5	1.8	.1	.1						17.2	7.4
NNE	1.0	2.7	5.0	1.2	.2							12.4	5.4
NE	.4	1.0	1.1	.4	.1							8.4	3.4
ENE	.1	.1	.1	.1	.1							1.7	.7
E	.1	.1	.1	.4	.1							1.7	.7
ESE	.1	.1	.1	.1	.1							1.7	.7
SE	.1	.1	.1	.1	.1							1.7	.7
SSE	.1	1.0	.1	.1	.1							2.4	1.7
S	1.7	4.5	4.5	6.2	7.3	.1	.1					21.7	11.7
SSW	.1	1.0	7.5	6.5	1.1	.4	.1					11.7	11.7
SW	.1	.7	.1	.1	.1	.1						2.4	3.4
WSW	.1	.1	.1	.1	.1	.1						1.7	1.7
W	.1	.1	.1	.1	.1	.1						1.7	1.7
WNW	.1	.1	.1	.1	.1	.1						1.7	1.7
NW	.1	.1	.1	.1	.1	.1						1.7	1.7
NNW	1.0	1.0	.1	.1	.1	.1						4.1	3.4
VARBL	2.7	.1										2.7	2.7
CALM												.7	.7
	17.1	4.4	25.0	20.3	4.0	.8	.1					1.7	7.3

TOTAL NUMBER OF OBSERVATIONS 6724

U.S. AIR FORCE CLIMATE BRANCH
 WASHINGTON, D.C. 20330
 1. WEATHER SERVICE BRANCH

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10740 STATION NAME AGBUT, SA, JAPAN YEARS 74-8 MONTH 1-12
 CLASS ALL WEATHER HOURS (L & T) 100-140
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.6	2.7	1.3	.1							1.2	2.4
NNE	1.0	1.1	3.4	1.7	.1							1.2	2.4
NE	1.0	1.5	1.4	.7								1.2	2.4
ENE	.0	1.7	1.0	.7								.6	1.0
E	.0	2.2	2.0	.2								.6	2.4
ESE	.0	.0	1.1	.1								.7	2.4
SE	.0	.0	.3									.1	.4
SSE	.0	.0	1.7	.1								.1	.4
S	1.0	4.1	14.1	12.3	4.0	.3						14.0	12.7
SSW	.0	1.1	5.7	6.2	1.2	.2						14.0	12.7
SW	.0	.0	.7	.7	.3							.1	.7
WSW	.0	.1	.1									.0	.7
W	.0	.1										.0	.7
WNW	.0	.0	.1									.0	.4
NW	.0	.1	.1									.0	.4
NNW	.0	.0	.1									.0	.4
VARBL	1.1	.7										.1	.3
CALM												1.0	
	12.7	2.4	34.7	1.7	5.6	.6						1.2	2.4

TOTAL NUMBER OF OBSERVATIONS 50

GLOBAL CLIMATOLOGY PROJECT
 REPORT
 METEOROLOGICAL SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUBUTAI JAPAN STATION NAME ATSUBUTAI JAPAN YEARS 74-75 MONTH 11
 CLASS ALL WEATHER HOURS (LST) 0-11
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	5.0	7.0	4.0	0.2							1.4	6.4
NNE	1.1	5.0	7.0	1.6								1.1	6.4
NE	1.0	7.7	1.6	0.2								1.0	6.4
ENE	1.0	1.6	0.4	0.1								1.0	6.4
E	1.0	1.7	0.3									1.0	6.4
ESE	0.1	0.7										1.0	6.4
SE	0.1	0.1										0.1	6.4
SSE	1.0	0.1	0.1									1.0	6.4
S	7.0	5.7	7.7	0.1	1.0							7.0	6.4
SSW	1.0	2.1	3.0	3.0	1.7	0.1						1.0	6.4
SW	0.1	0.4	0.1	0.1	0.2							0.1	6.4
WSW	0.1	0.1										0.1	6.4
W	0.1											0.1	6.4
WNW	0.1			0.1								0.1	6.4
NW	0.1	0.1										0.1	6.4
NNW	0.1	0.7	0.1	0.1								0.1	6.4
VARBL	0.1	0.7										0.1	6.4
CALM												0.1	6.4
	27.4	30.4	23.6	10.7	3.1	0.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 600

LOCAL METEOROLOGY BRANCH
 4-17-64
 METEOROLOGICAL SERVICE/NAVAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 11-02-100 JAPAN YEARS: 1964-65 MONTH: 11
 CLASS: ALL WEATHER HOURS (LST): 0000
 CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	11.2	5.7	2.3								1.4	6.0
NNE	4.6	6.6	2.7	.7								1.2	4.2
NE	1.3	2.1	.0	.1								.1	1.1
ENE	1.1	1.7	.1									.1	1.0
E	.0	.7										.1	.7
ESE	.0	.1										.1	.1
SE	.0	.1	.1									.1	.2
SSE	.0	.7	.3									.1	.7
S	.0	.3	.3	.3								1.0	.6
SSW	1.8	1.9	1.2	.3	.0							.9	1.0
SW	.0	.7	.0	.7	.4							.2	.6
WSW	.0	.0	.0									.0	.0
W	1.1	.2	.1									1.0	.7
WNW	.0	.4										.1	.4
NW	.0	.3										.1	.3
NNW	.0	1.7	.0	.1								.1	1.0
VARBL	7.7											1.4	1.0
CALM													
	37.7	29.7	15.7	4.2	1.2							1.4	4.4

TOTAL NUMBER OF OBSERVATIONS

600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NO. WEATHER SERVICE/ZNAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 115001 MAR JAPAN 74-11
STATION NAME YEARS
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.6	12.2	5.5	.5								1.1	4.8
NNE	3.1	5.1	1.2	.1								1.1	4.8
NE	3.1	2.7		.1								1.1	4.8
ENE	1.5	.4										1.1	4.8
E	1.5	.4										1.1	4.8
ESE	.5											1.1	4.8
SE	.5	.1										1.1	4.8
SSE	.5	.5	.5									1.1	4.8
S	.1	3.4	3.1	2.5	.1							11.6	6.5
SSW	1.5	1.6	1.6	2.5	.1							7.8	7.7
SW	.5	.5	.1	.1	.2							1.8	6.6
WSW	1.1	.1		.5								1.8	4.3
W	1.5	.1										1.8	4.7
WNW	1.1	.1										1.8	4.1
NW	1.5	.4										1.8	4.6
NNW	1.5	1.7	.5	.4								1.8	5.1
VARBL	1.5	.1										1.8	4.6
CALM												1.8	4.6
	5.4	10.1	11.6	5.5	.5							1.8	5.8

TOTAL NUMBER OF OBSERVATIONS 107

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NAV WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 470705 ATJUNI MAR JAPAN STATION NAME 77-83 YEARS NORTH
CLASS ALL WEATHER HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	7.0	4.0	1.0								1.0	5.4
NNE	1.0	2.0	2.0									1.0	2.4
NE	0.0	0.0	0.0									0.0	0.0
ENE	1.0	1.0	0.0									1.0	2.0
E	1.0	1.0	0.0									1.0	2.0
ESE	1.0	0.0										1.0	2.0
SE	1.0	0.0										1.0	2.0
SSE	1.0	1.0	0.0									1.0	2.0
S	4.0	6.3	5.4	2.1	0.2							1.0	2.0
SSW	0.0	2.0	1.0	2.4	0.2							1.0	2.0
SW	1.0		0.0									1.0	2.0
WSW	0.0											0.0	0.0
W	0.0											0.0	1.0
WNW	0.0	0.2										0.0	0.3
NW	0.0	0.5	0.0									1.0	3.4
NNW	1.0	1.6	1.0									1.0	4.6
VARBL	1.0											0.0	2.1
CALM												1.0	0.0
	26.0	30.0	17.0	5.4	0.3							1.0	4.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. NAVAL CLIMATOLOGY BRANCH
NAFETAC
U.S. WEATHER SERVICE/140

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUTSU MAR JAPAN YEARS 14-17 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	6.4	6.3	1.8	.6	.7						1.8	6.4
NNE	1.7	3.4	2.3	.8	.							1.8	6.4
NE	1.1	1.5	1.4	.1								1.8	6.4
ENE	1.7	1.4	1.3	.1								1.8	6.4
E	.2	1.7	1.7	.3								1.8	6.4
ESE	.6	.7	.6	.3	.6							1.8	6.4
SE	.4	.6	.6	.7	.6							1.8	6.4
SSE	1.7	1.1	.6	.3	.7							1.8	6.4
S	2.2	4.7	9.7	7.6	1.5	.4	.1					1.8	6.4
SSW	1.1	1.6	3.7	3.6	1.2	.3						1.8	6.4
SW	.7	.7	.5	.7	.3	.1						1.8	6.4
WSW	.7	.3	.1	.7	.6							1.8	6.4
W	.7	.2	.7									1.8	6.4
WNW	.7	.2	.7									1.8	6.4
NW	.7	.7	.2	.6								1.8	6.4
NNW	.7	1.6	1.1	.4	.1	.7						1.8	6.4
VARBL	.7	.7										1.8	6.4
CALM												1.8	6.4
	1.4	6.5	29.5	19.7	3.4	.2	.1					1.8	7.2

TOTAL NUMBER OF OBSERVATIONS 551

LOCAL CLIMATOLOGY BRANCH
USAFETAC
THE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41770 ATSUJI NAS JAPAN 7-52 YEARS 1952-53 MONTH 10

STATION NAME ALL WEATHER CLASS 100-500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.3	5.2	1.7	.1							1.0	2.0
NNE	1.7	3.7	2.5	.8								1.0	2.0
NE	1.1	1.7	.5	.7								1.0	2.0
ENE	1.7	1.8	.7	.1								1.0	2.0
E	1.7	2.7	.4									1.0	2.0
ESE	.7	1.7	.3									1.0	2.0
SE	.7	1.1	.1									1.0	2.0
SSE	1.7	1.7	.1	.7								1.0	2.0
S	4.1	7.6	6.8	4.7	.4							2.0	7.0
SSW	2.7	1.7	2.0	2.7	.6							1.0	2.0
SW	.7	.7	.8	1.1	.1							3.0	2.0
WSW	.7	.7		.1								1.0	2.0
W	.4	.4										1.0	2.0
WNW	.7											1.0	2.0
NW	1.7	.1	.1									1.0	2.0
NNW	.7	.7	1.7	.4								1.0	2.0
VARBL	.7											1.0	2.0
CALM												1.0	2.0
	27.2	4.7	24.2	11.7	1.3							1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 11

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 478740 ATSUJI MAR JAPAN STATION NAME 74-11 YEARS MONTH 12-20
CLASS ALL WEATHER HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE
N	.4	3.3	3.3	1.4	.3							4.2	7
NNE	.4	2.6	1.5	.1								4.7	6
NE	.3	1.4	1.	.1								5.4	5
ENE	3.1	1.5	1.2									5.4	5
E	1.1	1.5	2.6	.1								5.3	6
ESE	.4	1.2	.5									5.1	5
SE	.4	.2	.5									5.1	4
SSE	1.4	1.4	.2	.2								5.1	5
S	3.3	3.4	16.6	9.3	1.2	.1						27.8	6
SSW	1.4	3.4	5.3	3.1	.7	.5						14.0	5
SW	.4	1.5	.7	1.2	.7							4.7	4
WSW	.4	.7	.1									.4	3
W	.4	.5										.4	3
WNW	.4	.2										.4	3
NW	.4	.2										.4	3
NNW	.1	.2	.2	.2								1.1	6
VARBL	1.1											1.1	6
CALM												.4	3
	17.4	27.4	35.6	15.2	3.0	.7						100.0	7

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATE CENTER
 WASHINGTON, D.C. 20375
 U.S. WEATHER SERVICE/MAU

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 476790 ATSUBUTSUKI JAPAN 74-00 MONTH 00
 CLASS ALL WEATHER HOURS 12
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	.2	2.4	4.2	1.3								.4	2
NNE	.1	1.3	1.7	.6								.4	7
NE	.1	.7	.7									.4	5
ENE	.1	1.1	2.1	.3								.4	7
E	.3	1.6	2.2	1.7								.4	7
ESE	.1	.6	1.6	.1								.4	6
SE	.1	.7	1.7	.1								.4	7
SSE	.1	1.4	1.1	.7								.4	7
S	.1	4.1	11.1	12.5	2.6	1.7						2.4	11
SSW	.1	1.4	6.3	7.2	2.3	.6						1.4	11
SW	.1	.1	1.7	1.1	.6	.2						.4	11
WSW	.1	.7	.7	.1								.4	6
W	.1	.1	.1									.4	5
WNW	.1											.4	2
NW													
NNW		.7	.7	.5	.2							1.4	11
VARBL	1.1	.1										1.4	2
CALM													
	6.7	17.2	34.6	32.5	6.7	1.8						1.4	

TOTAL NUMBER OF OBSERVATIONS 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUGI NAS JAPAN STATION NAME 74-43 YEARS 1951-1955 MONTH 1

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SP
N	.7	1.0	4.4	1.7	.2	.1						.4	
NNE	.7	2.0	2.0	.5								.4	
NE	.7	2.0	1.0	.1								.4	
ENE	.7	1.0	1.0	.1								.4	
E	.7	2.5	1.0	.7								.4	
ESE	.7	1.0	1.0	.1								.4	
SE	.7	.5	1.0	.1								.4	
SSE	1.0	1.0	1.0	.5	.1							.4	
S	1.0	4.1	12.7	14.7	1.8	1.7	.2					.4	1
SSW	.7	1.4	4.0	5.5	2.6	.6						.4	1
SW	.7	.6	.5	.7	.6	.2						.4	1
WSW	.7	.3	.5									.4	
W												.4	
WNW	.1	.1										.4	
NW			.1	.1								.4	
NNW		.2	.2	.3	.2	.1						.4	1
VARBL	2.4	.6										.4	
CALM												.4	
	1.0	20.4	36.0	24.4	5.9	2.0	.2					100.0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
OFFICE OF THE SECRETARY OF THE ARMY

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-790 STATION NAME ATSUBARI, JAPAN YEARS 74-77 MONTHS 12

CLASS ALL WEATHER

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	1.0	3.2	7.2	7.2	.2							1.0	
NNE	1.0	3.6	5.2	1.4	.1							1.0	
NE	1.4	2.2	3.2	.3								1.0	
ENE	1.0	1.7	.2	.2								.0	
E	1.0	.0	.7	.1								.0	
ESE	.0	.7	.0									.0	
SE	.0	.7	.0									.0	
SSE	1.0	1.7	.5	.2								.0	
S	2.0	5.2	7.6	4.7	1.6	.5	.5					1.0	
SSW	.0	1.7	2.0	3.5	1.5	.1						.0	
SW	.0	.7	.0	.3	.3	.1						.0	
WSW	.0	.0	.1									.0	
W	.0	.0										.0	
WNW	.0	.0	.1									.0	
NW	.0	.1	.1									.0	
NNW	.0	.0	.7	.3	.1							.0	
VARBL	7.4	1.7										.1	
CALM												.0	
	24.0	21.3	32.7	13.6	3.9	.7	.5					1.0	

TOTAL NUMBER OF OBSERVATIONS _____

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/NAVAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 472740 ATSUJIT NAF JAPAN 14-02 YEARS

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	7.7	11.3	2.5	3.4	.1							1.1
NNE	7.7	7.5	4.3	.5								1.1
NE	1.7	2.7	1.5									.1
ENE	1.7	1.5	.7									.1
E	.7	.5										.1
ESE	.7	.7	.1		.1							1.1
SE	.7	.5	.1									.1
SSE	.7	.7	.1		.1							.1
S	2.4	1.5	2.7	2.3	1.3	.6						1.1
SSW	.7	1.3	1.1	1.5	.5	.1						.4
SW	.7	.7	.7	.3								1.1
WSW	.7	.5										.1
W	.7	.7										.1
WNW	1.1	.7										1.1
NW	.7	.5	.1									.1
NNW	1.7	1.5	1.7	.9								.6
VARBL	1.7	.1										1.1
CALM												.6
	25.7	31.2	22.3	7.1	2.1	.7						100.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATE DIVISION
 FORM 12-54
 WEATHER STATISTICS

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ALBUQUERQUE, NM STATION NAME ALBUQUERQUE YEARS 7-55

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.2	15.5	7.7	1.5	.4							22.1
NNE	.2	4.5	7.7	.3								12.4
NE	.2	4.5	.5	.1								5.6
ENE	.2	.5	.1									1.2
E	.2	.5	.1									1.2
ESE	.4	.3										1.2
SE	.2	.5	.1									1.2
SSE	1.1	.4										1.2
S	.2	2.4	7.7	1.5	.8							12.4
SSW	1.1	.4	.5	1.4	.5	.1						4.9
SW	.2	.5	.5	.4		.1						2.1
WSW	.2				.1							1.2
W	1.7	.4										12.4
WNW	1.1	.5										12.4
NW	.2	1.1	.5									2.1
NNW	.1	2.4	7.7	.3								12.4
VARBL	1.1											1.2
CALM												1.3
	27.8	3.6	19.3	5.2	1.8	.3						12.4

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATE CENTER
 WASHINGTON, D.C.
 U.S. WEATHER SERVICE/NAO

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 476700 ATSUJI MAR JAPAN STATION NAME 75-11 YEARS

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	2.0	10.7	3.0	1.6	.7							24.0
NNE	1.0	3.7	.6	.6								1.0
NE	1.0	1.6	.6	.2								1.0
ENE	.0	1.0	.6									1.0
E	.0	1.0	.7									1.0
ESE	1.0	.3										1.0
SE	.0	.2	.7									1.0
SSE	1.0	.4	.6		.2							1.0
S	7.0	6.2	6.2	2.7	.3							1.0
SSW	1.0	1.1	1.0	2.6	.6	.2						1.0
SW	.0	.6	1.0	.3	.2							1.0
WSW	.0	.0										1.0
W	1.0		.7									1.0
WNW	1.0	.8										1.0
NW	1.0	.8	.7									1.0
NNW	1.0	1.0	1.0	.5								1.0
VARBL	1.0											1.0
CALM												1.0
	21.0	30.6	22.7	6.6	1.4	.2						1.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE CLIMATE BRANCH
USAFETAC
U.S. WEATHER SERVICE

SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 176700 STATION NAME ATUSETA AIRFIELD YEARS 1964-1965

ALL WEATHER
CLASS

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.1	1.7	7.1	1.2								
NNE		1.1	1.1	.5	.1							
NE	.4		.4	.4								
ENE	.1	1.7	1.1	.4	.2							
E		.1	.1	.7								
ESE		1.7	.7	.3								
SE		.1	.1	.1								
SSE		.1	1.7	.3			.1					
S	1.1	4.4	14.6	11.7	4.7	.3						
SSW	1.1	2.7	7.6	7.6	1.9	.2						
SW	.4	1.1	.1	.9	.1							
WSW		.1	.1	.1								
W	.7	.1										
WNW												
NW	.1	.1		.1								
NNW		.1	.1									
VARBL	.1	.1										
CALM												
	7.9	19.7	34.1	22.2	7.0	.4	.1					

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
AFETAC
AFM ATATON SERVICE/AL

SURFACE WI

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 488790 STATION NAME ATISLW MAC J CAN YEARS 14

CLASS ALL WEATHER

CONDITION _____

SPEED (KNTS) DIR.	1 -	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.2	2.4	2.7	1.5								1.4
NNE	.7	1.7	2.7	.4	.1							1.5
NE	.7	1.6	.7	.7								1.3
ENE	.7	.7	1.4	.4	.1							2.1
E	.4	1.7	2.1	.6								2.2
ESE	.7	1.2	.4									1.2
SE	1.7	.7	.7									1.3
SSE	.7	1.6	.6	.3								2.2
S	.7	1.4	15.6	11.2	.3	.3						24.1
SSW	1.7	3.2	4.6	3.4	.6							17.1
SW	.7	1.3	.9	.7								3.4
WSW	.7	.7	.1	.2	.1							1.3
W	.7	.2	.1									.7
WNW												
NW	.1	.1	.7									.2
NNW		.1	.3									.3
VARBL	.7	.7										.7
CALM												
	12.0	20.5	32.5	15.1	1.7	.2						100.0

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75791 ATSUJI MAR JAPAN STATION NAME 74--1 YEARS 100
CLASS ALL WEATHER HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.0	4.2	3.5	1.4								1.0
NNE	.4	2.6	2.0	.1								.3
NE	.4	2.6	1.7	.1								.4
ENE	.4	1.4	1.1									.1
E	.1	1.5	.4	.1								.7
ESE	.4	.4	.1									.1
SE	1.0	.4										.1
SSE	1.0	1.4	.4	.3								.1
S	5.0	1.1	11.6	3.6	.3							1.0
SSW	3.0	2.1	2.0	2.7	.7							1.0
SW	1.1	.8	.4	.1								.2
WSW	.7	.1		.1								.1
W	.4	.7										.7
WNW	.7											.7
NW	.4	.7										.7
NNW	.5	1.0	.3									.1
VARBL	1.0											1.0
CALM												11.0
	24.1	31.7	22.0	5.7	1.0							100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 178791 STATION NAME ATSUMI JAPAN YEARS 74-75

CLASS ALL WEATHER

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.2	6.2	3.2	1.4	.6							14.1
NNE	1.1	3.5	2.6	.6	.3							4.5
NE	1.2	2.2	.3	.3								2.0
ENE	.3	1.2	.8	.2	.3							2.1
E	1.1	1.4	1.1	.2								5.1
ESE	.1	.7	.3	.1								1.5
SE	.7	.5	.1									1.3
SSE	1.2	1.4	.7	.1			.1					2.6
S	7.3	5.5	9.5	7.3	1.5	.1						27.4
SSW	1.1	2.2	3.5	3.7	.9	.1						14.0
SW	.1	.7	.7	.4	.2							2.4
WSW	.1	.2	.1	.1	.1							.7
W	.1	.1	.1									.3
WNW	.4	.1	.1	.1								.8
NW	.1	.2	.1	.1								.5
NNW	.1	.9	.1	.1								1.2
VARBL	2.2	.7										3.1
CALM												.1
	21.1	7.7	24.5	14.4	2.7	.2	.2					100.0

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATE CENTER
 AFMPC
 AFMPC WEATHER SERVICE/NAF

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4767SD STATION NAME ATSUJ NAS JAPAN YEARS 17-21
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	5.4	10.7	4.4	2.7	.2							22.1
NNE	1.0	1.7	2.8									1.1
NE	1.0	2.0	.3	.5								1.1
ENE	.8	.2	.6	.2	.2							2.7
E	1.4	.7	.5	.2								2.7
ESE	.7	.3		.2		.2						1.1
SE	.7	.3										1.1
SSE	1.4	.5			.2							1.1
S	4.5	4.6	5.7	2.5	.9	.2						1.3
SSW	1.7	1.7	3.6	2.7	.2							1.4
SW	1.6	.8	.7	.1	.2							1.1
WSW	.7	.5										1.1
W	.7	.2										.1
WNW	1.7	.7										1.3
NW	1.7	.2										.9
NNW	1.0	1.6	.3									.1
VARBL	1.1											1.1
CALM												1.2
	27.4	6.6	19.9	6.5	1.7	.3		.2	.2			100.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-79 ATSUSHI MAR JAPAN STATION NAME 74-79 YEARS 1950-51 MONTH 12
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	7.6	14.2	5.7	2.5	.6							7.1	
NNE	1.7	4.8	1.5	.2								1.1	
NE	1.7	1.4	.5		.1							.2	
ENE	.2	.5	.2									.1	
E	.2	.2										.1	
ESE	.1											.1	
SE	.1	.1		.1								.1	
SSE	.6	.4	.1		.1			.1				1.4	
S	1.7	2.6	3.6	2.7	.2	.4	.1	.2				1.5	
SSW	1.7	2.5	2.5	1.7	.1							1.8	
SW	.7	.2	.4		.1							1.2	
WSW	1.1	.1	.1									1.2	
W	1.7	.1										1.7	
WNW	1.7	.4										1.2	
NW	2.2	.5										1.5	
NNW	3.4	4.3	.5	.4								3.0	
VARBL	1.5											1.5	
CALM												.1	
	25.1	32.7	15.2	6.9	1.4	.4	.1	.4				1.1	

TOTAL NUMBER OF OBSERVATIONS 100

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

476790 STATION 476790 ATSUOGI NAS JAPAN 74-83 YEARS 476790 NORTH
ALL WEATHER CLASS 476790-00 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	0.3	14.6	0.4	0.3	0.6							27.5	5
NNE	0.3	5.6	0.3	0.1	0.1							1.3	5
NE	1.0	2.0	0.4									3.4	4
ENE	1.0	0.7										1.7	3
E	0.3	0.3	0.1	0.1								0.8	4
ESE	0.4											0.8	1
SE	0.1	0.2	0.1	0.1	0.1							0.7	9
SSE	0.1	0.6	0.4		0.2							1.3	6
S	1.0	1.4	1.3	2.0	0.3	0.9	0.1	0.1				0.8	10
SSW	0.3	1.4	2.0	1.2	0.3							7.5	7
SW	0.6	0.3	0.4	0.2								1.5	5
WSW	0.4	0.3	0.1									1.2	3
W	0.7	0.1		0.1								0.9	2
WNW	1.0	0.2										0.6	6
NW	1.2	1.0	0.1									0.3	3
NNW	0.4	1.4	1.2									0.4	4
VARBL	0.3											0.3	1
CALM												0.0	
	20.1	30.6	20.6	7.2	1.7	0.9	0.1	0.1				10.0	5

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 476750 STATION NAME ATSUMI MAR JAPAN YEARS 74-5 MONTH 5-11
CLASS ALL WEATHER
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.5	7.1	4.1	.3							12.5	6
NNE	5.7	4.5	6.1	1.7	.1							11.2	6
NE	1.7	2.7	1.9	.7	.1							3.7	6
ENE	1.2	1.5	.6	.1								3.4	4
E	.7	1.1										1.8	3
ESE	.5	.6										1.1	3
SE	.4	.4	.1									1.0	3
SSE	1.2	1.7	.7	.4		.3		.1				3.5	7
S	2.7	4.1	4.9	6.5	1.2	.5	.1	.1				12.7	9
SSW	1.7	2.5	2.4	3.5	1.5							11.0	7
SW	.5	.7	.7	.6	.1							2.6	7
WSW	.1	.3	.1	.1								.6	6
W	.7											.7	6
WNW	.7	.1										.8	6
NW		.7	.1									.8	6
NNW	.5	1.7	.9									3.1	6
VARBL	5.7	1.9										7.6	6
CALM												3.0	6
	22.1	22.1	24.9	17.0	2.9	1.1	.1	.2				100.0	7

TOTAL NUMBER OF OBSERVATIONS 6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 73797 STATION NAME TSUBOI, IWA, JAPAN YEARS 74-83 MONTH 800
CLASS ALL WEATHER HOURS (LST) 1,12-140
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	5.2	1.6	.4							1.1	4.4
NNE	.7	1.7	2.4	2.0								1.1	5.4
NE	.4	2.5	1.4	.4	.2							1.1	7.0
ENE	.5	3.2	1.0	.4	.2							1.1	7.0
E	.3	1.7	1.6	.3								1.1	6.0
ESE	.7	1.1	.0									1.1	5.0
SE	.7	1.3	.0	.1								1.1	5.0
SSE	.7	1.2	1.1		.7	.2						1.1	5.0
S	1.7	4.7	11.6	12.5	5.3	1.7	.1	.2				13.7	11.0
SSW	.4	1.9	5.5	5.9	1.6	.4	.3					13.8	11.0
SW	.1	.7	.5	.2	.2							1.7	5.0
WSW	.1	.7	.1									.4	5.0
W		.1										.1	4.0
WNW	.1	.1										.1	3.0
NW	.7		.1									.1	4.0
NNW		.0	.1	.1	.1							1.4	4.0
VARBL	4.4	1.5										5.0	4.0
CALM												1.1	
	17.0	1.5	34.7	23.6	6.8	1.4	.4	.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE CLIMATOLOGY BRANCH
 1700 15th ST
 WASHINGTON, D.C. 20330

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 16790 STATION NAME ALBUQUERQUE, N.M. YEARS 74-77 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.0	1.6	.1							.1	1.0
NNE	.7	1.7	1.6	.9								.4	1.0
NE	.4	1.1	1.6	.6	.1							.4	1.0
ENE	.1	.7	1.7	.9	.1							.3	.9
E	.1	1.2	3.5	1.1								.2	.9
ESE	.1	.9	.9	.2								.2	.9
SE		.6	.7									.1	.6
SSE	.1	1.4	1.1		.2	.1						.2	.7
S	.1	4.7	14.7	17.5	2.5	.8						.4	1.1
SSW	.1	1.2	7.1	7.3	1.4	.4		.1				.2	1.1
SW	.1	1.4	.5	.8	.4							.1	.6
WSW	.1	.2	.6	.2	.1	.1						.1	.5
W	.1	.3	.1	.1								.1	.7
WNW													
NW		.1	.2									.1	.7
NNW	.1	.2	.2	.4								.1	.9
VARBL	.1	.4										.1	.3
CALM												.1	
	5.2	16.9	37.7	31.3	5.1	1.4		.1				1.0	7.7

TOTAL NUMBER OF OBSERVATIONS 572

JOINT CLIMATE LOG
AFETAC
WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 486797 ATSUJI NAS JAPAN STATION NAME ALL WEATHER CLASS MONTH 7-1964 HOURS (LST) 24
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	3.2	.7	.1							1.1	2.4
NNE	.	1.4	1.7	.4								3.5	6.3
NE	.	2.2	1.9	.4	.1							4.6	7.4
ENE	.	1.5	2.5	.8								5.4	7.4
E	1.1	.7	1.3	.3								3.4	6.7
ESE	.	1.4	.7	.1								2.2	5.4
SE	.	.7	.7	.9								1.7	5.4
SSE	.7	1.7	1.4	.6								4.4	6.4
S	4.1	6.7	14.6	7.8	1.4	.2	.2					24.4	16.7
SSW	1.4	4.7	6.7	4.3	1.4	.1						17.4	16.7
SW	1.4	1.3	.7	.7								4.4	6.3
WSW	.	.1	.1	.1								.7	2.4
W	.											.7	1.4
WNW	.											.7	1.4
NW	.			.1								.7	5.4
NNW	.	.7		.1								1.4	1.4
VARBL	1.4											3.4	6.4
CALM												3.4	
	1.4	7.8	33.2	16.2	3.5	.7	.2					10.4	7.4

TOTAL NUMBER OF OBSERVATIONS 57

U.S. AIR FORCE
AFETAC
AFATC SERVICE PHASE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-83 STATION NAME ALL WEATHER YEARS 1974-1975 MONTH 1974-1975
CLASS ALL WEATHER HOURS (LST) 1974-1975
CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	2.7	3.6	3.7	1.5	.1							1.2	2.4
NNE	1.4	3.6	1.4	.5								.8	2.4
NE	2.1	2.7	2.7	.1								.2	2.4
ENE	1.1	.7	.4	.3								.2	2.4
E	.7	2.7	.7	.4	.1	.1						.2	7.2
ESE	1.7	.7	.7									.2	4.1
SE	1.7	.7	.7									.2	3.2
SSE	1.7	.7	.7	.3	.1							.2	3.2
S	.7	.7	.7	.4	1.6	.1	.1					.2	7.2
SSW	.1	3.4	2.7	3.7	.7							1.2	2.4
SW	.7	.7	.5	.7								.2	7.2
WSW	.7	.7	.5	.8								.2	2.2
W	.7	.7	.1									.2	2.4
WNW	.7	.1										.2	3.3
NW	.7	.7										.2	2.3
NNW	1.7	.7	.7									.2	4.3
VARBL	.7											.2	6.3
CALM												.2	2.4
	21.1	51.7	11.5	12.7	1.6	.3	.1					1.2	2.4

TOTAL NUMBER OF OBSERVATIONS 771

U.S. AIR FORCE
AFETAC
WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATBOUT 14 STATION NAME ATBOUT 14 YEARS 1954-55 MONTH ALL
CLASS ALL WEATHER HOURS (L S T) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	6.0	5.2	5.2	3.0							1.7	6.0
NNE	1.0	3.0	2.0	2.0	1.0							7.0	6.0
NE	1.0	2.1	1.0	2.0	1.0							4.0	6.0
ENE		1.0	1.0	2.0	1.0							6.0	6.0
E		1.1	1.0	2.0	2.0	1.0						2.0	6.0
ESE		1.0	1.0	1.0	1.0	1.0						1.0	6.0
SE		1.0	1.0	1.0	1.0	1.0						1.0	6.0
SSE		1.0	1.0	1.0	1.0	1.0						1.0	7.0
S		1.0	2.0	2.0	2.0	1.0	1.0	1.0				1.0	7.0
SSW	1.0	2.0	4.0	2.0	1.0	1.0	1.0	1.0				1.0	4.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	7.0
WSW		1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
W		1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
WNW		1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
NW		1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	6.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 14-00000
 14-00000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION NAME YEARS 17-2 MONTH 1

CLASS ALL HOURS (L.S.T.) 0000

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.7	4.5	2.2							1.1	4.4
NNE	1.1	4.7	1.5	5.6								1.1	4.4
NE	1.1	1.7	1.5									1.1	4.4
ENE	1.1	1.7	1.5									1.1	4.4
E	1.1	1.7	1.5									1.1	4.4
ESE	1.1	1.7	1.5									1.1	4.4
SE	1.1	1.7	1.5									1.1	4.4
SSE	1.1	1.7	1.5									1.1	4.4
S	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
SSW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
SW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
WSW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
W	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
WNW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
NW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
NNW	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
VARBL	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
CALM	1.1	1.7	1.5	1.5	5.6	2.2						1.1	4.4
	2.4	2.7	2.7	7.4	1.4	2.2						1.1	4.4

TOTAL NUMBER OF OBSERVATIONS 172

AD-A159 684 ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85
UNCLASSIFIED USAFETAC/DS-85/006 F/G 4/2

ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85
USAFETAC/DS-85/008 F/G 4/2

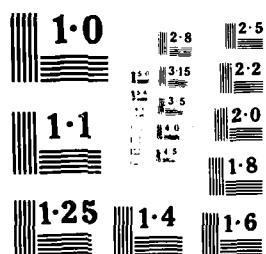
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UNCLASSIFIED

F/G 4/2

NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NAV WEATHER SERVICE/NAVC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 476790 ATSUOTI NAS JAPAN STATION NAME 74-8 YEARS MONTH 05-07-77
CLASS ALL WEATHER HOURS (LST) 05-07-77
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	21.7	13.7	7.0	.3							4.2	5.8
NNE	1.1	4.0	1.0	.4								.7	5.3
NE	1.1	1.3	.1	.1	.3							.2	5.3
ENE	.1	.3										.2	4.7
E	.4	.7										.1	5.4
ESE		.1										.2	5.4
SE	.3											.1	5.4
SSE	.1	.1	.7									.1	5.4
S	1.1	1.1	1.3	1.3		.3						.1	5.4
SSW	.1	1.1	1.3	1.3	.3							.1	5.4
SW	.1	.1	.7	.3								.1	5.4
WSW	.1	.1										.1	5.4
W	.1	.1	.3									.1	5.4
WNW	1.1	.1										.1	5.4
NW	.1	.1	.1	.1								.1	5.3
NNW	2.4	4.2	4.3	1.5	.4							.1	5.4
VARBL	.4											.1	5.4
CALM												.1	5.4
	27.2	36.6	24.4	7.7	1.1	.3						1.2	5.8

TOTAL NUMBER OF OBSERVATIONS 704

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 76750 ATSUHI NAS JAPAN STATION NAME 74-83 YEARS 1962 NORTH
CLASS ALL WEATHER HOURS (L S Y) 1000-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	18.8	17.4	5.2	.8							4.2	6.2
NNE	7.4	5.2	4.2	1.2								1.2	6.2
NE	.2	1.6	.2	.2								2.3	5.4
ENE	.2	.2	.2	.1								.1	0.2
E	.2	.1	.2	.1								1.0	4.7
ESE	.2			.1								.2	4.4
SE	.1	.1										.2	4.2
SSE	.2	.2	.1	.2								.2	5.7
S	.4	.9	1.2	.9	.2	.5						4.2	4.7
SSW	.2	1.1	1.2	1.1	.2	.1						4.2	7.2
SW	.2	.5	.1									.2	4.4
WSW	.2	.3										.2	4.2
W	.2	.2	.1									1.1	3.2
WNW	.2											.2	1.2
NW	.2	1.2	.1									1.2	4.1
NNW	1.7	3.4	3.4	1.2	.3							10.0	6.9
VARBL	1.2											1.2	2.2
CALM												.7	
	12.2	33.7	22.2	10.3	1.6	.6						1.2	6.2

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

478397 ATSUOI NAS JAPAN 74-83
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.1	12.2	5.1	1.0							2.4	8.2
NNE	1.0	0.4	8.3	0.3	0.3							17.4	6.0
NE	0.0	2.7	2.7	1.4								6.8	7.3
ENE	0.0	1.6	1.0	0.6								3.2	7.0
E	0.0	0.9	0.1	0.3	0.1							1.3	6.1
ESE	0.0	0.2	0.1									0.3	4.0
SE	0.0	0.5										0.5	3.3
SSE	0.0	0.9	0.3									1.1	4.9
S	1.0	3.1	2.6	2.4	0.6	0.2						13.4	8.5
SSW	0.0	0.7	2.0	2.6	1.9	0.2						7.6	12.0
SW	0.0	0.7	0.7	0.3	0.1							1.7	7.2
WSW	0.0	0.1		0.1								0.3	6.0
W	0.0	0.1										0.2	2.0
WNW													
NW	0.0	0.1	0.1									0.2	4.6
NNW	0.0	1.0	2.7	2.0	0.3							6.0	6.9
VARBL	4.0	0.6										4.6	2.9
CALM												0.0	
	14.1	27.7	32.2	10.2	4.4	0.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 684

U.S. AIR FORCE
 WEATHER SERVICE
 14-00000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140795 STATION NAME 175001 YAK JAPAN YEARS 74-83 MONTH 6
 CLASS ALL WEATHER HOURS (LST) 1000-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.4	5.2	4.2	1.0	.1						2.4	2.2
NNE	.0	3.0	4.0	2.1	.2	.1						11.0	2.2
NE	1.0	3.4	3.1	.7								3.8	6.4
ENE	.0	2.5	1.0	.5								2.7	2.2
E	1.0	2.5	1.6									.1	2.2
ESE	.1	1.1	.7									.2	5.4
SE	.1	.0	.2									1.0	2.0
SSE	.0	1.2	.7		.1							2.0	2.2
S	.0	3.5	5.1	7.2	1.6	.2						1.0	1.4
SSW	.1	1.1	3.5	3.6	1.6	.5						1.0	12.3
SW	.1	.4	.0	.7	.2							2.7	9.2
WSW		.0	.1									.3	5.7
W	.0											.0	1.5
WNW	.1	.2										.0	3.3
NW	.1	.2	.1									.0	4.3
NNW	.4	.6	1.0	2.2	.2							4.0	9.9
VARBL	.0	1.1										3.7	2.0
CALM												.0	
	10.7	20.4	31.5	22.1	5.2	1.2						1.4	2.2

TOTAL NUMBER OF OBSERVATIONS 601

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

426790 STATION ATSUJI MAC JAPAN 74-83 YEARS MONTH 1200-1700 HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.7	8.9	7.8	.5							1.4	4.8
NNE	.7	1.5	3.7	1.7	.7	.2						8.8	8.8
NE	.5	.9	2.7	.6								4.7	7.5
ENE	.5	1.5	7.7	.7								5.3	7.5
E	1.1	2.3	3.6	.8								6.1	7.5
ESE	.5	1.7	7.4	.3								4.7	7.1
SE	.5	1.7	.2									3.1	5.4
SSE	.5	.6	.2	.1								1.1	4.9
S	1.4	3.3	8.5	8.4	.9	.1						22.5	9.5
SSW	.5	1.7	5.3	5.1	1.2	.5	.2					14.5	10.9
SW	.5	1.5	.5	.1								1.1	5.8
WSW	.5		.2	.1								.7	7.2
W	.1	.1		.1								.3	6.3
WNW	.7	.1										.1	2.7
NW	.5	.2	.2	.1								.1	8.1
NNW		1.5	1.1	.2								3.1	7.4
VARBL	1.1	.6										1.1	5.2
CALM												1.1	
	2.9	22.7	42.9	21.7	2.9	.3	.2					10.1	5.4

TOTAL NUMBER OF OBSERVATIONS 136

U.S. NAVAL OCEANOGRAPHY BRANCH
USAFETAC
NAVY WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10790 ATSUBI NAS JAPAN STATION NAME 74-93 YEARS 1974-1975 MONTH 10-1975
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.4	6.4	1.9	.1		.1					15.7	7.3
NNE	1.7	3.5	3.7	.7	.1							2.8	6.5
NE	1.1	1.7	1.4	.5	.1							2.8	6.2
ENE	.1	2.3	1.7	.1								4.1	5.0
E	1.2	4.1	1.5	.7								7.5	5.6
ESE	1.1	1.7	.7									2.5	4.2
SE	1.2	.7	.7									2.6	3.6
SSE	.7	1.5	.7	.7				.2				3.5	6.2
S	2.3	7.8	6.1	2.5	.1							1.9	7.2
SSW	1.1	3.6	3.5	3.1	.3							1.3	7.5
SW	.7	1.2	.5	.5								2.9	5.9
WSW	.1	.7	.2									1.1	5.5
W	.1	.7										.1	6.2
WNW	1.1		.1									.1	5.0
NW		.7	.1									.1	5.8
NNW	.7	1.4	2.5	1.5								2.1	5.1
VARBL	1.7											1.1	1.7
CALM												.1	
	17.1	36.2	29.2	11.2	.5		.1	.2				1.1	6.7

TOTAL NUMBER OF OBSERVATIONS 254

NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 478790 STATION NAME ATSUBI NAS JAPAN YEARS 74-75 MONTH 10
 CLASS ALL WEATHER HOURS (LST) 100-100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	12.7	11.0	3.2	.3							2.2	6.4
NNE	.	4.6	1.9	.6								.1	5.4
NE	1.1	1.7	.7	.1								.2	4.5
ENE	.4	1.6	.2									.1	4.1
E	1.0	.6	.1									.1	3.0
ESE	.7	1.6	.3									.1	4.4
SE	1.0	.7										.1	3.1
SSE	.	1.3			.1				.1			.1	6.0
S	1.0	5.1	1.9	1.4	.4	.4						1.0	7.3
SSW	1.1	1.6	3.3	1.7								7.0	7.6
SW	1.0	.7	.7	.1								.1	3.0
WSW	.	.4	.1									.1	4.0
W	.	.4										.1	2.3
WNW	1.0	.1										.1	2.4
NW	1.4	.7	.3									.1	3.0
NNW	1.0	2.5	2.5	.7	.3							.1	6.0
VARBL	1.4											1.4	1.0
CALM												.1	
	22.1	34.1	27.0	7.8	1.1	.4						1.0	2.0

TOTAL NUMBER OF OBSERVATIONS 71

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFHETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUMI IAC JAPAN STATION NAME ATSUMI IAC JAPAN YEARS 74-8 MONTH ALL
 CLASS ALL WEATHER
 HOURS (LST) 24
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	11.2	11.4	4.1	.1	.2	.2					2.1	7.4
NNE	1.1	4.7	3.3	1.3	.1	.2						1.1	5.0
NE	1.1	1.0	1.3	.5	.1							.8	5.3
ENE	.1	1.7	1.1	.5								.8	5.3
E	.1	1.5	1.5	.2	.1							.8	5.2
ESE	.1	.1	.5	.1								.1	5.3
SE	.1	.5	.5	.1								.1	4.6
SSE	.1	.1	.3	.1	.1			.1	.1			1.3	5.4
S	1.1	3.6	3.7	2.3	.6	.2						1.1	5.7
SSW	.1	1.1	2.2	2.4	.5	.2	.1					.7	1.1
SW	.1	.3	.4	.3	.1							.1	5.4
WSW	.1	.1	.1	.1								.1	5.2
W	.1	.1	.1	.1								.1	5.2
WNW	.1	.1	.1	.1								.1	5.2
NW	.1	.4	.1	.1								.1	5.2
NNW	1.1	2.3	2.5	1.4	.1	.1						2.1	7.0
VARBL	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2.4
CALM												.1	
	14.7	31.3	29.7	13.9	2.4	.3	.1	.1	.1	.1	.1	1.1	5.4

TOTAL NUMBER OF OBSERVATIONS 552

U.S. NAVAL CLIMATOLOGY BRANCH
 U.S. NAVY
 U.S. WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

476793 STATION 476793 ATSUJI NAR JAPAN 75-75 YEARS NORTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.7	25.0	17.7	3.1	.1	.4						1.0	8.0
NNE	0.5	4.0	2.4	1.4			.1					1.0	4.0
NE	.1	.1	.7	.5								.2	7.7
ENE	.1											.2	1.3
E	.1											.2	2.0
ESE	.1											.2	4.0
SE	.1											.2	4.0
SSE	.1	.7										.2	3.7
S	.4	.3	.7	.7	.1		.4					1.0	10.4
SSW	.7	1.0	.7		.3							.3	6.0
SW			.7	.7	.7	.3						.7	14.5
WSW	.4	.1		.1								.7	3.0
W	.1											.2	2.0
WNW	.1	.1										1.0	4.5
NW	.2	1.0	.4	.3								.2	3.0
NNW	.7	5.0	4.5	1.1	.1							1.0	5.9
VARBL	1.1	.1										1.0	2.0
CALM												4.0	
	21.0	40.0	23.0	7.5	1.4	.7	.3					10.0	

TOTAL NUMBER OF OBSERVATIONS 734

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 470795 STATION NAME SINGAPORE JALAN YEARS 1950-1951 MONTH 12-1951
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	24.9	13.2	2.5	.5	.2						55.5	5.0
NNE	3.1	3.1	7.4	1.5								12.1	2.0
NE	1.1	1.5	.5	.2								3.3	1.0
ENE	.5		.5									1.0	.5
E	.5	.1										.6	.2
ESE													
SE	.5											.6	.2
SSE													
S	.5	.1	.5	.5	.5	.1	.1					2.2	1.2
SSW	.1		.5	.2	.5	.1						1.1	1.0
SW	.1	.1	.5	.1	.1							1.1	.5
WSW	.1	.1	.5	.7	.1							.5	1.4
W	.7	.1										.8	.5
WNW	.5	.5	.1									1.6	.5
NW	.5	.7	.7	.4								1.6	.3
NNW	1.5	4.5	4.4	1.1		.1						1.5	5.7
VARBL	.5	.4										.4	.2
CALM													
	17.4	42.1	24.7	7.3	1.2	.5	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/441

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATSUTSUGI, JAPAN STATION NAME 74-11 YEARS 1951-1952
 CLASS ALL WEATHER MONTH ALL MONTH
 CONDITION ALL HOURS ALL

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1
NNE	•	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1
NE	•	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1
ENE	•	•	•	•	•	•	•					1.1	7.1
E	•	•	•	•	•	•	•					1.1	7.1
ESE	•	•	•	•	•	•	•					1.1	7.1
SE	•	•	•	•	•	•	•					1.1	7.1
SSE	•	•	•	•	•	•	•					1.1	7.1
S	•	•	•	•	•	•	•					1.1	7.1
SSW	•	•	•	•	•	•	•					1.1	7.1
SW	•	•	•	•	•	•	•					1.1	7.1
WSW	•	•	•	•	•	•	•					1.1	7.1
W	•	•	•	•	•	•	•					1.1	7.1
WNW	•	•	•	•	•	•	•					1.1	7.1
NW	•	•	•	•	•	•	•					1.1	7.1
NNW	•	•	•	•	•	•	•					1.1	7.1
VARBL	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1
CAIM	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1
	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	7.1

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM 1951 TO 1952 ARE IN THIS FORM ARE COMPLETE

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF NAUTICAL SERVICES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME STATION 1000 STATION NAME STATION 1000 YEARS 1950-1951 MONTH 1-12
CLASS ALL WEATHER HOURS (LST) 24
CONDITION ALL WEATHER

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

FORM 100-10 (REV. 1-5-50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRET

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS LST
	CONDITION		

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1	14	11	4	2	1						1	1.1
NNE	1	1	4	1	2	1						1	1.1
NE	1	2	1	1	2	1						1	1.1
ENE	1	1		1								1	1.1
E	1	1	4	1								1	1.1
ESE	1	1	1									1	1.1
SE	1	1	1									1	1.1
SSE	1	1	1	1								1	1.1
S	1	1	1	1	1		1					1	1.1
SSW	1	1	1	1	1	1						1	1.1
SW	1	1	1	1	1	1						1	1.1
WSW	1	1	1	1	1	1						1	1.1
W	1	1	1	1	1	1						1	1.1
WNW	1	1	1	1	1	1						1	1.1
NW	1	1	1	1	1	1						1	1.1
NNW	1	1	1	1	1	1						1	1.1
VARBL	1	1	1	1	1	1						1	1.1
CALM	1	1	1	1	1	1						1	1.1

TOTAL NUMBER OF OBSERVATIONS

47. ...

STATE OF OHIO, COUNTY OF CUYAHOGA, ss. I, the undersigned, Clerk of the Court of Common Pleas for the County of Cuyahoga, do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of said Court.

U.S. AIR FORCE
 WEATHER
 SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10000 STATION NAME USAF YEARS 7 MONTH 7
 CLASS ALL WEATHER HOURS 15
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
NNE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
NE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
ENE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
E		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
ESE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
SE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
SSE		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
S		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
SSW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
SW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
WSW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
W		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
WNW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
NW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
NNW		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
VARBL		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1
CALM		1.1	1.1	1.1	1.1	1.1	1.1					1.1	2.1

TOTAL NUMBER OF OBSERVATIONS 27

CENTRAL CLIMATOLOGY BRANCH
 AFMSTAC
 AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AT-101 STATION NAME JAPAN YEARS 7-13 HOURS 24
 CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.3	4.6	.8							24.1	2.0
NNE	1.1	4.6	3.6	1.2	.1							11.9	1.6
NE	1.1	1.1	1.1	.7								7.9	1.6
ENE	1.1	1.2	.1	.1								4.9	1.6
E	1.1	1.1	.1									4.1	1.6
ESE	.1	.7										1.2	1.6
SE	.1	.4										.1	1.6
SSE	.1	.1	.1	.1								.1	1.6
S	.1	.6	1.3	.2	.4							3.9	1.7
SSW	.1	1.1	.3	1.3								3.0	1.6
SW	.1	.8	.3	.8	.2							2.1	1.6
WSW	.1	.4	.2	.6								1.1	1.6
W	.1	.1	.1	.1								.1	1.6
WNW	.1	.7										.1	1.6
NW	1.1	.2	.2	.2								1.1	1.6
NNW	.1	.2	2.0	1.5								1.1	1.6
VARBL	1.1	.7										.1	1.6
CALM												.1	1.6
	22.1	20.4	21.7	12.4	1.7								

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 78797 ATSUOI NAO JAPAN STATION NAME 74-5 YEARS MONTH 1-12 HOURS (L S T)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.7	8.7	3.7	.7	.3						1.1	8.1
NNE	.7	4.5	5.4	2.0	.1	.1						1.1	8.1
NE	1.7	3.4	7.7	.7								1.1	8.3
ENE	2.1	2.1	1.4									4.1	5.3
E	1.7	3.4	1.6									5.1	4.7
ESE	1.7	1.7	.9									1.1	4.7
SE	1.7	1.5	.7									.4	4.5
SSE	.7	1.5	.7									.4	4.7
S	1.7	4.4	7.7	1.6	.1							1.1	7.1
SSW	.7	1.7	2.4	2.3	.3	.7						7.1	9.8
SW	.7	1.7	.7	1.1	.6							7.1	1.3
WSW	.7	.1	.4	.4	.1							1.1	6.7
W	.7	.1		.1								.1	5.4
WNW	.7	.1	.7									.1	1.1
NW	.7		.1	.1	.1							.1	1.1
NNW	.1	.4	1.1	2.7	.1							.1	1.1
VARBL	1.7	.4										1.1	2.1
CALM												.7	
	1.7	37.3	29.5	15.3	1.2	.7						1.1	7.1

TOTAL NUMBER OF OBSERVATIONS 611

JOINT CLIMATE CENTER
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 47079 STATION NAME ATSUGI NAS JAPAN YEARS 74-83 MONTH ALL
 CLASS ALL WEATHER HOURS (LST) 100-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.0	2.3	4.3	.9	.3						1.0	1.0
NNE	1.0	4.0	7.1	2.5	.4	.1						1.0	0.7
NE	1.0	5.3	4.7	1.0								1.0	0.7
ENE	1.1	2.0	2.0	.7								.3	0.0
E	.0	1.0	.0	.1								.0	0.0
ESE	.0	1.0	.0									.0	0.0
SE	1.0	1.0	.0									.0	0.0
SSE	.0	2.0	.0	.0								.0	0.0
S	1.1	2.0	2.1	2.1	.2							1.0	0.0
SSW	.0	1.1	2.1	2.6	.9	.0						.0	1.0
SW	.0	.4	.0	1.0	.0	.0						.0	1.0
WSW	.0			.1	.1							.0	1.0
W	.0											.0	1.0
WNW												.0	1.0
NW		.1										.0	1.0
NNW	.0	.1	.0	1.0	.3							.0	1.0
VARBL	1.0	1.0										.0	1.0
CALM												.0	1.0
	13.0	29.0	30.0	10.1	3.7	.9						1.0	7.0

TOTAL NUMBER OF OBSERVATIONS 100

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 47079 STATION NAME MIYOSHI JAPAN YEARS 74-75 MONTH 5
CLASS ALL WEATHER HOURS (LST) 0-120
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	5.2	14.5	7.9	1.0	.1						7.1	2.4
NNE	.7	5.6	9.7	4.1	.0							7.1	2.4
NE	.7	4.6	1.7	.6								.2	2.7
ENE	.7	2.7	1.1	.1								.4	1.4
E	.7	1.7	.1									.4	1.4
ESE	.7	.7										.4	1.4
SE	.7	.7										.4	1.4
SSE	.7	1.1	.1									.4	1.4
S	1.7	.6	1.1	.6	.7							.4	4.0
SSW	.7	.7	1.1	1.1	.6	.7						.4	7.1
SW	.1	.7	.6	.6		.1						.4	1.1
WSW	.7		.1									.4	4.0
W	.7											.4	4.0
WNW	.7											.4	4.0
NW	.7	.7										.4	2.4
NNW	.7	1.1	.7	.4	.7							.4	2.4
VARBL	.7	.1										.4	2.4
CALM												.4	2.4
	15.8	29.0	31.0	17.3	3.0	.1						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 172

NAVAL CLIMATOLOGY BRANCH
 USFAC
 WEATHER SERVICE, KHAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-241 ATSUJI MAR JAPAN STATION NAME 74-241 YEARS NORTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	11.3	17.2	4.3	.5							4.0	0.0
NNE		7.7	4.2	1.0	.5							1.0	0.3
NE		2.0	.6	.1								.7	.0
ENE		.1										.1	.0
E		.1										.1	.0
ESE		.1										.1	.0
SE			.1									.1	.0
SSE			.1				.1					.1	.0
S		.1	.3	.3			.2					.1	.0
SSW		.1	.2	.3								.1	.0
SW		.1	.7	.7								.1	.0
WSW		.1	.7									.1	.0
W												.1	.0
WNW		.1										.1	.0
NW	1.0	.1	.1									.1	.0
NNW	1.0	4.7	7.0	1.6	.2							1.2	.7
VARBL		.2										.3	.1
CALM												.1	.0
	27.1	37.0	24.1	5.2	1.1		.3					1.0	5.7

TOTAL NUMBER OF OBSERVATIONS 397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 476790 ATSUJI NAS JAPAN STATION NAME 74-11 YEARS NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	23.0	12.7	4.0	.5	.1						51.1	4.1
NNE	1.0	6.0	7.1	.7	.1							14.8	3.0
NE	.0	1.1	.0									2.1	2.0
ENE		.0	.1									.7	2.7
E	.0	.1										.0	2.0
ESE		.1										.1	2.0
SE													
SSE	.0	.4										.0	3.3
S		.1	.1	.5								.7	10.0
SSW	.0	.4	1.1	.1								1.0	6.0
SW		.4	.5	.2								1.1	7.1
WSW			.0	.0								.0	11.0
W	.0	.1										.0	3.0
WNW	.0	.0										.0	3.0
NW	1.1	1.1	.0	.1								.0	4.7
NNW	2.7	4.0	7.0	1.0	.1							1.0	6.1
VARBL	1.0											1.0	2.2
CALM												7.0	
	27.0	30.9	22.7	7.7	.7	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 47

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72751 AHSWT NAS JAPAN STATION NAME 76-8 YEARS MONTH 12-1969 HOURS (LST) 2000
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	12.5	51.5	15.7	2.2	.4							4.4	5.1
NNE	.1	5.5	2.5	1.7								11.1	6.8
NE	.7	1.1	.7									3.7	5.8
ENE	.4	.3	.1	.1								1.8	4.8
E	.1	.1	.1									.4	5.7
ESE	.1											.1	3.1
SE	.1											.1	1.9
SSE	.4		.7									.1	2.2
S	.4	1.7	.1	.4								4.7	6.8
SSW	.4	.4	.7	.6	.1	.1						2.4	7.8
SW	.4	.7	.5	.1								1.3	6.1
WSW	.1	.1	.1	.3	.1	.1						4.2	11.4
W	.4	.1	.3	.3								1.1	6.1
WNW	.4	.1										.7	4.8
NW	1.1	1.1	.7									2.7	3.8
NNW	2.2	5.1	4.1	1.7	.1							1.8	5.6
VARBL	.7	.3										1.8	2.7
CALM												.1	
	22.5	35.7	25.7	5.8	.5	.3						11.6	6.4

TOTAL NUMBER OF OBSERVATIONS 11

U.S. NAVAL CLIMATE CENTER
USAFETAC
U.S. WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 126790 ATSUJI NAB JAPAN 74-81 YEARS MONTH ALL CLASS ALL HOURS (LST) CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	13.1	13.1	1.1	.6	.2	.0					33.4	7.1
NNE	5.5	5.4	6.2	2.3	.3	.0	.0					1.4	7.2
NE	1.1	2.6	1.7	.3	.0							5.7	6.6
ENE	.6	1.7	.6	.2	.0							.6	5.6
E	1.1	1.2	.6	.1								.1	5.1
ESE	.6	.6	.4									1.2	5.2
SE	.6	.4	.1	.1								.4	4.4
SSE	.4	.6	.7	.1		.0	.0					1.1	5.4
S	.6	1.6	1.7	.9	.2	.0	.0		.1			.3	7.9
SSW	.6	1.7	1.7	1.1	.4	.1		.0				4.5	7.3
SW	.6	.7	.6	.4	.2	.1						.4	5.0
WSW	.6	.3	.1	.2	.0	.0						1.1	5.2
W	.6	.1	.0	.0								.0	4.0
WNW	.6	.2	.0	.0								.0	3.0
NW	.6	.7	.0	.1								.0	4.6
NNW	1.1	3.4	2.7	1.1	.1	.0						.0	6.0
VARBL	.6	.7										.3	2.4
CALM												.0	
	10.7	34.3	20.7	12.3	2.1	.6	.1	.0	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 4772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 16790 STATION NAME ATSUGI NAS JAPAN YEARS 74-83 NORTH 301
CLASS ALL WEATHER HOURS (L & T) 100-2400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	16.4	11.1	2.3	.6	.1	.4					37.8	6.5
NNE	2.0	3.3	4.0	1.0	.3							11.2	5.5
NE	1.1	.2	.5	.3								2.1	3.0
ENE	1.1	.5	.1									1.7	2.3
E	.4	.4	.7									1.5	4.0
ESE	.1	.1										.3	3.5
SE	.5	.4		.1								1.0	4.1
SSE	.5		.4	.1								1.0	4.7
S	.5	.8	.9	.1								2.3	5.7
SSW	.5	.6	.2	.8	.1							2.2	6.1
SW	.1	1.1	.7	.4	.1							2.6	7.6
WSW	.1	.8	.1			.1						1.1	7.1
W	.5	.3										1.0	6.4
WNW	.7	.6										1.3	6.4
NW	3.4	3.0	.4									6.8	3.6
NNW	3.0	6.7	4.7	.5		.3						15.0	5.0
VARBL	1.5	.4										1.7	6.6
CALM												7.4	
	20.2	36.3	23.5	5.5	1.1	.5	.4					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 703

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 16797 ATSUJI NAS JAPAN STATION NAME 74-24 YEARS MONTH 1-12-1950
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	9.3	7.7	3.6	.6							24.1	7.4
NNE	2.7	4.7	3.7	1.4	.3	.2						13.2	6.7
NE	1.1	3.3	1.1	.2								5.6	5.3
ENE	.7	1.7	1.2	.2								3.7	5.7
E	.2	2.6	.7	.1								.7	4.4
ESE	.2	.7	.4									.3	4.4
SE	.2	.2	.1									1.1	3.2
SSE	.2	.2	.1	.1								1.7	4.3
S	2.1	2.3	1.6	.4	.1							7.1	5.7
SSW	2.1	2.6	1.7	.3	.3	.1						6.2	6.1
SW	1.7	1.3	.6	.4	.1							3.5	5.2
WSW	.2	.6	.2	.2								.7	3.8
W	1.2	.3										1.5	2.4
WNW	1.2	.4										.7	2.7
NW	.2	.4	.2									1.2	3.6
NNW	.2	2.2	2.6	1.5								.6	7.1
VARBL	2.4	.7										.3	2.5
CALM												.4	
	25.0	34.4	21.2	1.5	1.6	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 571

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 475790 ATSUKI NAS JAPAN STATION NAME 74-51 YEARS MONTH 1-12-1700 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.3	5.6	6.7	1.7							17.5	4.7
NNE	.7	4.5	4.4	2.0	.6							15.8	5.2
NE	.7	2.9	3.2	.9	.1							7.6	7.1
ENE	.4	1.7	1.4	.3								3.7	6.9
E	.7	3.8	3.4	.3								3.7	5.9
ESE	.4	2.2	1.0									2.4	6.1
SE	.7	1.5	.6									2.0	5.1
SSE	.7	1.4	.4	.2								2.4	5.2
S	1.7	4.7	5.3	2.7	.3							14.1	7.4
SSW	.7	2.0	3.7	2.2	.3	.2		.1				10.7	6.9
SW	.7	2.2	.7	.8	.7	.1						.4	6.2
WSW	.1	.6		.1	.1							.7	7.5
W	.1											.1	1.0
WNW		.1	.1	.1								.1	4.7
NW	.1	.3										.1	3.6
NNW	.1	1.1	.7	1.3								3.4	4.2
VARBL	7.7	.7										10.1	2.2
CALM												.1	
	17.5	37.6	57.9	16.2	3.1	.3		.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 77

JOURNAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

478790 STATION ATSUETI NAS JAPAN STATION NAME 74-82 YEARS 1960-1968 MONTH 1960-1968 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.1	8.6	7.8	1.6	.2						28.4	8.1
NNE	1.7	5.8	7.3	1.3	.9	.1						1.7	5.4
NE	1.4	3.5	3.0	1.3								1.4	6.5
ENE	1.7	2.8	2.1	.5	.2							1.7	6.7
E	1.0	2.3	1.4	.1								1.0	5.0
ESE	.4	1.1	.4									.4	5.1
SE	.3	.4	.2									.3	5.1
SSE	.3	1.8	.4	.2			.1					.3	6.3
S	.7	2.1	3.6	1.9	.7				.7			.7	9.7
SSW	.3	.3	2.6	2.5	.7	.1						7.1	11.3
SW	.3	.1	.2	.4	.1	.7						1.3	13.4
WSW	.1	.3	.3			.1						.1	7.9
W			.1									.1	5.0
WNW			.1	.1								.1	12.5
NW	.1		.1									.1	4.5
NNW	.3	.2	1.1	.7	.2							3.1	6.8
VARBL	4.2	.3										4.5	2.3
CALM												1.2	
	13.6	17.7	52.7	18.9	4.4	1.2	.1		.7			100	6.2

TOTAL NUMBER OF OBSERVATIONS 714

CLIMATE CLIMATE BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

426740 ATSUDE NAS JAPAN 76-82
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	21.1	3.4	1.0								11.7	6.5
NNE	1.0	4.0	3.7	1.0								6.7	6.7
NE	1.0		0.7	0.1								1.8	6.7
ENE		0.7										0.7	6.7
E	0.4		0.1									0.5	6.3
ESE	0.4	0.1										0.5	6.0
SE		0.1										0.2	6.0
SSE	0.1											0.2	6.0
S	0.1	0.1	0.1									0.3	6.0
SSW	0.1	0.7	0.4	0.5	0.4							1.1	6.1
SW	0.1	0.7	1.1	0.5	0.1							2.5	6.3
WSW	0.7	0.1	0.7	0.1								1.6	6.0
W	0.7	0.7	0.7									1.8	6.1
WNW	0.1		0.1	0.1								0.3	6.0
NW	1.0	1.0	0.7									2.7	6.0
NNW	3.0	0.7	4.4	0.9	0.1							8.1	6.5
VARBL	0.1	0.1										0.2	6.0
CALM												0.1	6.0
	24.0	40.7	20.1	6.7	0.7							92.3	6.0

TOTAL NUMBER OF OBSERVATIONS 773

JOINT CLIMATE BRANCH
USAFETAC
WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74700 ATSUBO JAS JAPAN STATION NAME 74-22 YEARS 1966
CLASS ALL WEATHER NORTH 11-55-00
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	11.1	23.7	3.4	7.4								4.2	1.0
NNE	3.7	5.5	2.9	1.6								1.2	5.5
NE	1.1	1.4	.6	.1								1.1	7.5
ENE	1.1	.4	.1									1.1	2.2
E	.1	.1										.1	6.3
ESE		.1										.1	4.2
SE	.1		.1	.1								.1	7.7
SSE													
S	.1	.4	.7									1.2	4.2
SSW	.1	.2	.7	.4	.4							1.2	9.7
SW	.1		.7	.4	.7							1.2	7.5
WSW	.1	.4	.7	.6								1.2	5.1
W	.1	.4	.1	.1								1.1	6.1
WNW	.1	.7		.1								.2	2.3
NW	.7	1.4	.6									.1	5.7
NNW	.1	5.0	2.2	.4								1.1	5.6
VARBL	1.7	.7										1.1	4.4
CALM												.1	
	24.1	4.5	17.7	6.1	.6							1.2	4.2

TOTAL NUMBER OF OBSERVATIONS 672

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 78780 ATSUJIMA JAPAN STATION NAME 74-83 YEARS MONTH NORTH 7-1969 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	11.0	13.6	17.3	1.4	.1							7.0	1.0
NNE	6.1	7.9	4.2	1.1	.1							1.4	3.2
NE	1.0	1.6	.7	.2								.8	4.8
ENE	.2	.2	.1									.2	4.3
E	.2		.1									.2	3.7
ESE	.1	.1										.1	3.0
SE	.2											.2	1.8
SSE	.1											.1	1.0
S	.1	.1	.1	.4								.2	3.4
SSW	.2	.1	.2	.1	.4							1.1	11.1
SW		.2	.2	.5	.1							1.1	10.7
WSW	.2	.2	.6	.3								1.4	7.0
W	.7	.4		.2								1.2	5.0
WNW	.7	1.1	.2									1.2	4.8
NW	.2	2.2	.4									.4	4.7
NNW	7.4	5.3	2.2	.3	.1							11.0	3.0
VARBL	1.4	.6										.2	2.4
CALM												.3	
	27.7	39.2	19.0	4.7	.9							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE, MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

476790 STATION 476790 ATSUHI MAR JAPAN STATION NAME 74-53 YEARS 0-5 MONTH 00-11 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	10.7	12.5	5.7	.6							2.2	2.2
NNE	2.3	6.4	7.7	2.7	.2							1.2	7.1
NE	2.6	2.3	2.7	.7								.1	2.4
ENE	2.6	2.7	1.1	.1								.6	4.7
E	1.1	.7										.1	1.2
ESE	.4	.7	.1									.1	1.2
SE	.7	.7										.1	1.2
SSE	1.1	.4	.7	.1								.1	1.2
S	1.1	1.5	.6	.2								.1	1.2
SSW		.7	.4	.7	.3							.1	1.2
SW	.1	.7	.4	.6	.4		.1					.1	1.2
WSW	.1	.7	.4	.6	.1	.1						.1	1.2
W	.1	.7	.2	.1	.1							.1	1.2
WNW	.1	.3	.7	.1	.1							.1	1.2
NW	.1	.7	.7	.4								.1	1.2
NNW	1.1	2.2	1.5	.3								.1	1.2
VARBL	2.6	.7										.1	1.2
CALM												.1	1.2
	22.1	30.0	28.1	12.3	1.3	.1	.1					1.2	6.3

TOTAL NUMBER OF OBSERVATIONS 745

LOCAL CLIMATOLOGY BRANCH
USAFETAC
40 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 476290 ATSUJI MAI JAPAN STATION NAME 74-83 YEARS 5-6 MONTH 1-12-1479 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.5	5.4	4.1	.7	.1						14.8	4.1
NNE	.3	4.6	6.9	2.5	.7							15.7	5.2
NE	.3	5.7	4.7	1.3								15.0	6.5
ENE	1.7	3.9	2.7	.3								.0	3.3
E	1.7	3.7	.7									.0	4.4
ESE	1.1	1.9	.7									3.7	4.5
SE	.5	.9	.7									1.0	4.5
SSE	1.4	2.4	.4	.2								4.3	4.8
S	2.1	3.1	3.3	1.5	.4							15.4	7.2
SSW	.3	1.4	1.6	1.5	.8	.4						8.3	10.3
SW	.7	.6	.4	1.1	.9	.3						3.7	12.0
WSW	.1	.1	.7	.5	.3							1.0	11.4
W	.3	.2	.2									.0	4.0
WNW	.3		.5	.1								.0	10.0
NW	.3	.1	.1									.4	4.5
NNW	.3	.5	.5	.3								1.0	7.1
VARBL	4.1	.4										4.5	2.1
CALM												2.4	
	10.4	32.0	29.1	13.6	3.7	.9						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 51

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 475700 STATION NAME ATSUGI NAS JAPAN YEARS 74-83 MONTH ALL
CLASS ALL WEATHER HOURS (LST) 0-24
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	5.7	2.6	.9	.1						1.0	3.0
NNE	1.0	1.5	5.1	2.1	.4							1.0	2.0
NE	1.0	2.2	7.4	1.1	.1							1.0	6.0
ENE	1.0	3.2	2.7	.2								2.7	2.3
E	1.0	3.0	.7									3.0	4.3
ESE	1.0	2.2	.7	.1								4.0	4.4
SE	1.0	2.6	.2									4.0	4.2
SSE	1.0	2.0	.5	.2	.1							4.0	2.0
S	1.0	4.0	2.4	.7	.3							11.0	6.2
SSW	.0	2.4	1.5	1.0	.7	.1						1.4	4.3
SW	.0	.0	1.2	1.9	.3	.3						1.1	7.7
WSW	.0	.0	.2	.2								.7	9.0
W	.1	.5	.1									.0	4.0
WNW	.0	.1	.1	.1								.3	5.7
NW	.0	.2	.2									1.2	5.2
NNW	.0	.2	.4	.5								1.4	5.2
VARBL	1.0	.7										1.0	2.4
CALM												4.0	
	12.0	34.7	21.3	12.6	7.8	.4						1.0	5.6

TOTAL NUMBER OF OBSERVATIONS 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
JOINT WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

476790 STATION 476790 ATSUOTI NAG JAPAN 74-40
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1 00-0000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	11.1	4.3	7.1	.6							2.7	6.3
NNE	1.0	7.2	4.6	1.7	.1							1.1	6.3
NE	1.1	1.0	1.7	.6								.1	6.4
ENE	.0	.6	.7	.7								.7	5.5
E	.0	1.1	.3	.1								.0	4.0
ESE	.0	.0										.0	3.7
SE	.7	.1										.0	2.9
SSE	.0	.0		.2								1.2	3.1
S	1.0	1.0	.4	.7	.1							3.1	3.1
SSW	.7	1.0	1.5	1.0								4.1	7.0
SW	.0	.3	2.2	.4	.2							3.3	6.0
WSW	.0	.0	1.0	.3	.1							1.0	6.4
W	.0	.4		.1								1.0	3.7
WNW	1.0	.7	.1	.1								1.0	4.1
NW	1.0	1.0	.7	.7								7.0	4.2
NNW	.0	3.0	1.0	.7	.1							7.0	4.7
VARBL	5.0	.1										1.3	4.3
CALM												11.0	
	24.1	21.3	21.5	1.1	1.2							10.0	3.1

TOTAL NUMBER OF OBSERVATIONS 81

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
NAV WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATSUBI NAK JAPAN STATION NAME 74-80 YEARS 1960 MONTH 10-20
CLASS ALL WEATHER HOURS (LST) 00-24
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.2	1.7	8.1	2.2								2.1	6.1
NNE	1.1	4.4	4.1	1.4	.3							1.1	6.1
NE	1.1	1.2	1.2	.3								1.1	6.1
ENE	.1	.1	.1									1.1	4.7
E	.1	.3										.3	5.1
ESE	.2	.1	.1									.2	2.1
SE													
SSE	.1											.1	2.1
S	.1	.4	.1	.1								.1	4.1
SSW	.1	.2	.2	.2	.1							.1	2.1
SW	.1	.4	.1	.7								.1	2.1
WSW	.1	.2	.1	.4								.1	7.1
W	.1	.1	.1									.1	4.1
WNW	.1	.1	.1									.1	3.4
NW	1.4	2.7	.1	.1								.1	4.4
NNW	1.5	8.4	1.2	1.2	.4							1.5	5.3
VARBL	1.1											1.1	5.3
CALM												.7	
	25.7	39.7	15.1	7.5	.8								

TOTAL NUMBER OF OBSERVATIONS 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: ATSUJIMA JAPAN STATION NAME: 74-F3 YEARS: MONTH: 311
CLASS: HOURS (L.S.T.):

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.7	1.2	0.1	0.7	0.4	0.2						1.4	1.1
NNE	0.7	0.6	0.1	0.7	0.2							1.2	0.9
NE	1.7	2.5	1.0	0.5	0.2							0.8	0.7
ENE	1.1	1.4	0.5	0.1								0.7	0.5
E		1.2	0.5	0.7								0.2	0.5
ESE		0.4	0.7	0.7								1.0	0.6
SE		0.7	0.5	0.7								1.0	0.6
SSE		0.7	0.7	0.1	0.7							1.7	0.6
S	1.1	1.4	1.0	0.4	0.1							0.2	0.7
SSW	0.4	0.7	0.5	0.9	0.4	0.1						0.6	0.4
SW	0.7	0.4	0.7	0.8	0.3	0.1	0.7					1.7	1.0
WSW		0.7	0.5	0.4	0.1	0.7						1.1	0.6
W		0.4	0.7	0.1	0.7							1.1	0.7
WNW		0.7	0.7	0.1	0.7							1.1	0.7
NW		1.4	0.7	0.1								0.7	0.7
NNW		0.1	1.0	0.6	0.1							0.7	0.4
VARBL	0.7	0.7										0.7	0.5
CALM												0.7	
	27.0	36.1	22.7	9.1	1.6	0.2	0.7					1.0	0.6

TOTAL NUMBER OF OBSERVATIONS: 6075

U.S. AIR FORCE CLIMATE DIVISION
 USAFETAC
 THE WEATHER SERVICE/AFAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AT SUTOMI, JAPAN STATION NAME 74-20 YEARS ALL
 CLASS ALL WEATHER MONTH 1
 CONDITION HOURLY (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.6	2.6	2.6	1.1	1.1	1.1					26.7	2.1
NNE	1.1	4.2	4.1	1.9	1.2	1.2	1.2					16.3	2.1
NE	1.1	2.6	1.6	1.6	1.1	1.1	1.1					16.3	2.1
ENE	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
E	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
ESE	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
SE	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
SSE	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
S	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
SSW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
SW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
WSW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
W	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
WNW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
NW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
NNW	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
VARBL	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1
CALM	1.1	1.2	1.2	1.2	1.2	1.2	1.2					16.3	2.1

TOTAL NUMBER OF OBSERVATIONS 7030

NAVAL CLIMATE DIVISION
 WEATHER SERVICE/ZNAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 47870 ATSUJI NAT JAPAN STATION NAME 74-13 YEARS

INSTRUMENT
 CLASS
 CONDITION
 075 TO 140 FT W/ VSEY 1/2 MI OR MORE
 140 TO 200 FT W/ VSEY 1/2 TO 2-1/2 MI W/ 075 TO 140 FT OR MORE

MOON
 HOURS OF LIGHT

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	12.7	12.7	6.6	.9	.1	.7					21.7	7.1
NNE	.7	5.5	4.1	1.5	.1	.5	.5					10.6	5.4
NE	1.4	7.8	1.1	.1	.5							10.2	5.2
ENE	.7	1.7	.5	.1	.5							5.5	5.2
E	.7	.7	.4	.1	.5	.0						5.5	5.5
ESE	.7	.4	.1	.7	.5	.7						5.5	5.5
SE	.7	.7	.1	.7	.5	.7		.7				4.7	5.5
SSE	.7	.4	.5	.5	.7	.1	.7	.7				5.5	5.5
S	1.4	2.7	1.7	1.5	.8	.6	.7	.7				10.6	7.9
SSW	.7	1.5	.5	.5	.8	.1	.5	.7				10.6	7.9
SW	.7	.4	.1	.1	.5	.5		.7				10.6	7.9
WSW	.7	.5	.1	.5								5.5	5.5
W	.7	.5	.1	.5								5.5	5.5
WNW	.7	.5	.1	.5								5.5	5.5
NW	.7	.5	.5	.5	.5	.5						10.6	7.9
NNW	1.4	2.7	2.7	1.9	.5	.1						10.6	7.9
VARBL	1.7	.1										10.6	7.9
CALM												5.5	5.5
	21.7	9.2	24.3	12.6	2.7	.9	.7	.1				10.6	7.9

TOTAL NUMBER OF OBSERVATIONS 174

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-27-2001 BY 60322 UCBAW

Figure 1 is a schematic representation of the experimental design. It shows a sequence of three boxes connected by arrows. The first box is labeled 'Stimulus' and contains the word 'cat'. The second box is labeled 'Response' and contains the word 'cat'. The third box is labeled 'Feedback' and contains the word 'cat'. The sequence is labeled 'Stimulus', 'Response', and 'Feedback'.

— — — — —

SAF 11A 5-14-57 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15-64 years is expected to increase from 2.5 billion to 3.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15-64 years is expected to increase from 2.5 billion to 3.5 billion.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

[illegible]

$\Delta A = \Delta A^{\text{exp}} - \Delta A^{\text{calc}}$ $\Delta A^{\text{calc}} = \Delta A^{\text{calc}}(\text{A}) + \Delta A^{\text{calc}}(\text{B}) + \Delta A^{\text{calc}}(\text{C}) + \Delta A^{\text{calc}}(\text{D}) + \Delta A^{\text{calc}}(\text{E}) + \Delta A^{\text{calc}}(\text{F})$

THE UNIVERSITY OF CHICAGO

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1987

•

1000

TOTAL NUMBER OF OBSERVATIONS 7

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12-1-1

— — — — —

[illegible]TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

74-2

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF F-4C 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-c.

— — — — —

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 41.0 | 47.7 | 48.5 | 47.2 | 48.7 | 49.7 | 49.4 | 49.6 | 49.5 | 49.1 | 49.2 | 49.8 | 49.3 | 49.3 | 49.3 | 49.3 |
| 43.5 | 46.5 | 50.2 | 42.2 | 52.7 | 53.4 | 53.5 | 53.7 | 54.5 | 54.1 | 54.4 | 54.2 | 54.0 | 54.0 | 54.0 | 54.0 |
| 43.5 | 46.5 | 50.3 | 52.3 | 52.3 | 53.5 | 53.7 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 43.7 | 47.0 | 52.4 | 52.5 | 53.5 | 53.7 | 54.1 | 54.2 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 44.2 | 47.5 | 51.1 | 53.1 | 53.5 | 54.7 | 54.5 | 54.5 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| 44.5 | 48.5 | 52.8 | 54.5 | 55.5 | 55.7 | 56.1 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| 47.3 | 51.1 | 55.9 | 56.7 | 59.2 | 59.2 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| 47.7 | 51.7 | 55.6 | 59.5 | 60.1 | 62.3 | 61.1 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| 48.3 | 56.4 | 61.9 | 55.5 | 66.1 | 69.9 | 67.1 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 48.1 | 56.5 | 62.1 | 55.9 | 66.3 | 67.3 | 67.5 | 67.6 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| 48.1 | 56.2 | 64.1 | 61.1 | 68.8 | 69.5 | 69.5 | 69.9 | 70.3 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 53.5 | 63.3 | 70.8 | 71.0 | 75.9 | 76.4 | 76.6 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 53.7 | 64.1 | 75.5 | 71.0 | 80.5 | 81.5 | 81.5 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| 66.6 | 71.2 | 79.1 | 84.1 | 84.5 | 85.6 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 67.0 | 71.6 | 83.7 | 88.2 | 87.2 | 85.0 | 86.6 | 89.0 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 68.3 | 73.3 | 81.7 | 87.4 | 88.4 | 88.3 | 89.9 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 68.3 | 73.6 | 81.9 | 87.7 | 88.9 | 91.3 | 91.3 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 68.8 | 74.2 | 82.6 | 88.6 | 89.9 | 91.7 | 92.3 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 68.8 | 74.2 | 82.8 | 88.6 | 89.9 | 91.7 | 92.3 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 69.3 | 74.7 | 83.3 | 88.5 | 91.2 | 92.7 | 93.7 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 69.4 | 74.3 | 83.6 | 88.7 | 91.9 | 92.9 | 94.7 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 69.4 | 74.4 | 83.6 | 91.0 | 91.9 | 93.9 | 95.7 | 96.6 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 69.4 | 74.7 | 83.6 | 91.0 | 91.7 | 93.3 | 95.3 | 96.6 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 69.4 | 75.0 | 83.7 | 92.4 | 92.3 | 94.2 | 95.3 | 97.2 | 98.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 69.4 | 75.0 | 83.7 | 92.4 | 92.3 | 94.2 | 96.0 | 97.3 | 98.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 69.4 | 75.0 | 83.7 | 92.4 | 92.3 | 94.2 | 96.0 | 97.6 | 98.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 69.4 | 75.0 | 83.7 | 92.4 | 92.3 | 94.2 | 96.0 | 97.6 | 98.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 69.4 | 75.0 | 83.7 | 92.4 | 92.3 | 94.2 | 96.0 | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 70

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-57

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 61

U. S. AIR FORCE CLIMATE DIVISION
 WILSON
 WEATHER STATION

CEILING VERSUS VISIBILITY

STATION NAME: WILSON

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

| | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----|-----|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 1.0 | 1.0 | 14.2 | 56.2 | 56.3 | 66.4 | 66.7 | 61.7 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 1.1 | 1.1 | 57.3 | 58.5 | 58.7 | 64.5 | 64.6 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 1.2 | 1.2 | 57.3 | 59.7 | 62.7 | 64.6 | 64.9 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 1.3 | 1.3 | 57.3 | 59.7 | 62.7 | 64.6 | 64.9 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 1.4 | 1.4 | 57.6 | 60.7 | 63.1 | 65.0 | 65.3 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| 1.5 | 1.5 | 59.7 | 62.2 | 65.5 | 67.4 | 67.8 | 68.1 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| 1.6 | 1.6 | 62.6 | 65.5 | 69.5 | 71.1 | 71.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 1.7 | 1.7 | 63.3 | 66.1 | 69.6 | 71.7 | 72.2 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| 1.8 | 1.8 | 67.2 | 70.1 | 73.3 | 74.2 | 76.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 1.9 | 1.9 | 68.1 | 71.2 | 74.3 | 77.2 | 77.6 | 78.3 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 2.0 | 2.0 | 69.1 | 72.1 | 75.9 | 78.3 | 78.9 | 79.4 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| 2.1 | 2.1 | 72.2 | 75.3 | 79.4 | 82.2 | 82.6 | 83.1 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 2.2 | 2.2 | 74.4 | 77.7 | 82.1 | 84.7 | 85.4 | 85.9 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 2.3 | 2.3 | 77.6 | 81.3 | 86.2 | 89.5 | 90.3 | 91.7 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 2.4 | 2.4 | 78.6 | 82.5 | 87.6 | 91.1 | 92.0 | 92.9 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 2.5 | 2.5 | 78.8 | 83.5 | 88.8 | 92.4 | 93.2 | 94.5 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 2.6 | 2.6 | 78.8 | 84.3 | 89.7 | 93.6 | 94.6 | 95.9 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 2.7 | 2.7 | 79.8 | 84.5 | 89.9 | 94.2 | 95.2 | 96.4 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 2.8 | 2.8 | 80.5 | 84.5 | 89.9 | 94.7 | 95.3 | 96.4 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 2.9 | 2.9 | 80.6 | 84.7 | 90.2 | 94.9 | 95.6 | 96.9 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 3.0 | 3.0 | 80.6 | 84.7 | 90.3 | 94.5 | 95.9 | 97.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 3.1 | 3.1 | 80.6 | 84.8 | 90.3 | 94.6 | 96.0 | 97.4 | 98.3 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 3.2 | 3.2 | 80.6 | 84.7 | 90.3 | 94.6 | 96.0 | 97.4 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 3.3 | 3.3 | 80.6 | 84.8 | 90.3 | 94.6 | 96.0 | 97.5 | 98.5 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 3.4 | 3.4 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3.5 | 3.5 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3.6 | 3.6 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3.7 | 3.7 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3.8 | 3.8 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3.9 | 3.9 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 4.0 | 4.0 | 80.6 | 84.9 | 90.3 | 94.6 | 96.1 | 97.5 | 98.5 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS: 5,567

U.S. AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C. 20330-5500
 AFM 7-10.1 (1-74)

CEILING VERSUS VISIBILITY

1. NAME OF STATION: JAGS

2. LOCATION: JAGS

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING (FEET) | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 | 8.2 | 8.1 |
| 900 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 |
| 800 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 |
| 700 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 |
| 600 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 500 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 |
| 400 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 |
| 300 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 |
| 200 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 |
| 100 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 |
| 0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIB

1. 2. 3.

1

| | | | | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 4.5 | 51.7 | 53.1 | 54.7 | 54.3 | 57.5 | 54.5 | 54.5 | 56.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 2 | 5.4 | 51.1 | 52.4 | 53.4 | 54.5 | 54.7 | 54.3 | 54.2 | 54.2 | 54.1 | 54.3 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 3 | 5.6 | 50.7 | 52.5 | 53.5 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 4 | 5.6 | 50.2 | 52.5 | 53.5 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 5 | 5.5 | 50.5 | 53.0 | 54.7 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 6 | 5.7 | 53.4 | 56.0 | 57.7 | 57.7 | 58.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| 7 | 5.1 | 54.5 | 57.5 | 58.7 | 59.4 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 8 | 3.4 | 55.2 | 58.5 | 59.3 | 70.0 | 70.7 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| 9 | 5.0 | 57.6 | 70.4 | 71.9 | 72.0 | 73.7 | 74.5 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 10 | 5.5 | 59.5 | 71.5 | 72.9 | 74.0 | 74.9 | 75.1 | 75.3 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 11 | 57.2 | 59.5 | 72.4 | 73.8 | 74.4 | 75.5 | 76.0 | 76.2 | 76.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 12 | 5.0 | 70.3 | 70.4 | 77.1 | 76.4 | 79.3 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| 13 | 5.2 | 75.4 | 76.7 | 81.1 | 82.3 | 83.7 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 14 | 5.5 | 75.7 | 83.4 | 88.5 | 88.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 15 | 5.4 | 81.3 | 84.9 | 85.2 | 89.5 | 91.2 | 91.7 | 92.1 | 92.2 | 92.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 16 | 5.0 | 81.9 | 86.7 | 85.5 | 91.8 | 92.4 | 94.1 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 17 | 1.7 | 84.7 | 93.7 | 91.1 | 94.5 | 95.6 | 96.3 | 96.6 | 96.7 | 97.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 18 | 5.1 | 85.2 | 89.2 | 93.2 | 94.4 | 96.5 | 97.2 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 19 | 2.1 | 85.2 | 89.2 | 93.2 | 94.4 | 96.5 | 97.2 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 20 | 2.2 | 85.4 | 89.5 | 93.2 | 95.1 | 96.9 | 97.6 | 98.5 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 21 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.1 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 22 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 23 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 24 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 25 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 26 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 27 | 2.3 | 85.4 | 89.5 | 93.2 | 95.1 | 97.2 | 9 | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-45

?

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 0-14.5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-610

111

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

74-1

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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 40 | 42.4 | 44.7 | 47.0 | 49.2 | 51.5 | 53.7 | 55.9 | 58.1 | 60.3 | 62.5 | 64.7 | 66.9 | 69.1 | 71.3 | 73.5 | 75.7 | 77.9 | 80.1 | 82.3 | 84.5 | 86.7 | 88.9 | 91.1 | 93.3 | 95.5 | 97.7 | 99.9 | 102.1 | 104.3 | 106.5 | 108.7 | 110.9 | 113.1 | 115.3 | 117.5 | 119.7 | 121.9 | 124.1 | 126.3 | 128.5 | 130.7 | 132.9 | 135.1 | 137.3 | 139.5 | 141.7 | 143.9 | 146.1 | 148.3 | 150.5 | 152.7 | 154.9 | 157.1 | 159.3 | 161.5 | 163.7 | 165.9 | 168.1 | 170.3 | 172.5 | 174.7 | 176.9 | 179.1 | 181.3 | 183.5 | 185.7 | 187.9 | 190.1 | 192.3 | 194.5 | 196.7 | 198.9 | 201.1 | 203.3 | 205.5 | 207.7 | 209.9 | 212.1 | 214.3 | 216.5 | 218.7 | 220.9 | 223.1 | 225.3 | 227.5 | 229.7 | 231.9 | 234.1 | 236.3 | 238.5 | 240.7 | 242.9 | 245.1 | 247.3 | 249.5 | 251.7 | 253.9 | 256.1 | 258.3 | 260.5 | 262.7 | 264.9 | 267.1 | 269.3 | 271.5 | 273.7 | 275.9 | 278.1 | 280.3 | 282.5 | 284.7 | 286.9 | 289.1 | 291.3 | 293.5 | 295.7 | 297.9 | 300.1 | 302.3 | 304.5 | 306.7 | 308.9 | 311.1 | 313.3 | 315.5 | 317.7 | 319.9 | 322.1 | 324.3 | 326.5 | 328.7 | 330.9 | 333.1 | 335.3 | 337.5 | 339.7 | 341.9 | 344.1 | 346.3 | 348.5 | 350.7 | 352.9 | 355.1 | 357.3 | 359.5 | 361.7 | 363.9 | 366.1 | 368.3 | 370.5 | 372.7 | 374.9 | 377.1 | 379.3 | 381.5 | 383.7 | 385.9 | 388.1 | 390.3 | 392.5 | 394.7 | 396.9 | 399.1 | 401.3 | 403.5 | 405.7 | 407.9 | 410.1 | 412.3 | 414.5 | 416.7 | 418.9 | 421.1 | 423.3 | 425.5 | 427.7 | 429.9 | 432.1 | 434.3 | 436.5 | 438.7 | 440.9 | 443.1 | 445.3 | 447.5 | 449.7 | 451.9 | 454.1 | 456.3 | 458.5 | 460.7 | 462.9 | 465.1 | 467.3 | 469.5 | 471.7 | 473.9 | 476.1 | 478.3 | 480.5 | 482.7 | 484.9 | 487.1 | 489.3 | 491.5 | 493.7 | 495.9 | 498.1 | 500.3 | 502.5 | 504.7 | 506.9 | 509.1 | 511.3 | 513.5 | 515.7 | 517.9 | 520.1 | 522.3 | 524.5 | 526.7 | 528.9 | 531.1 | 533.3 | 535.5 | 537.7 | 539.9 | 542.1 | 544.3 | 546.5 | 548.7 | 550.9 | 553.1 | 555.3 | 557.5 | 559.7 | 561.9 | 564.1 | 566.3 | 568.5 | 570.7 | 572.9 | 575.1 | 577.3 | 579.5 | 581.7 | 583.9 | 586.1 | 588.3 | 590.5 | 592.7 | 594.9 | 597.1 | 599.3 | 601.5 | 603.7 | 605.9 | 608.1 | 610.3 | 612.5 | 614.7 | 616.9 | 619.1 | 621.3 | 623.5 | 625.7 | 627.9 | 630.1 | 632.3 | 634.5 | 636.7 | 638.9 | 641.1 | 643.3 | 645.5 | 647.7 | 649.9 | 652.1 | 654.3 | 656.5 | 658.7 | 660.9 | 663.1 | 665.3 | 667.5 | 669.7 | 671.9 | 674.1 | 676.3 | 678.5 | 680.7 | 682.9 | 685.1 | 687.3 | 689.5 | 691.7 | 693.9 | 696.1 | 698.3 | 700.5 | 702.7 | 704.9 | 707.1 | 709.3 | 711.5 | 713.7 | 715.9 | 718.1 | 720.3 | 722.5 | 724.7 | 726.9 | 729.1 | 731.3 | 733.5 | 735.7 | 737.9 | 740.1 | 742.3 | 744.5 | 746.7 | 748.9 | 751.1 | 753.3 | 755.5 | 757.7 | 759.9 | 762.1 | 764.3 | 766.5 | 768.7 | 770.9 | 773.1 | 775.3 | 777.5 | 779.7 | 781.9 | 784.1 | 786.3 | 788.5 | 790.7 | 792.9 | 795.1 | 797.3 | 799.5 | 801.7 | 803.9 | 806.1 | 808.3 | 810.5 | 812.7 | 814.9 | 817.1 | 819.3 | 821.5 | 823.7 | 825.9 | 828.1 | 830.3 | 832.5 | 834.7 | 836.9 | 839.1 | 841.3 | 843.5 | 845.7 | 847.9 | 850.1 | 852.3 | 854.5 | 856.7 | 858.9 | 861.1 | 863.3 | 865.5 | 867.7 | 869.9 | 872.1 | 874.3 | 876.5 | 878.7 | 880.9 | 883.1 | 885.3 | 887.5 | 889.7 | 891.9 | 894.1 | 896.3 | 898.5 | 900.7 | 902.9 | 905.1 | 907.3 | 909.5 | 911.7 | 913.9 | 916.1 | 918.3 | 920.5 | 922.7 | 924.9 | 927.1 | 929.3 | 931.5 | 933.7 | 935.9 | 938.1 | 940.3 | 942.5 | 944 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|

TOTAL NUMBER OF OBSERVATIONS

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. AIR FORCE
METEOROLOGICAL SERVICE
METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

70701 AIRSUIT LAB JAPAN

77-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 100 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 150 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 200 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 250 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 300 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 350 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 400 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 450 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 500 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 550 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 600 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 650 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 700 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 750 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 800 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 850 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 900 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 950 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1000 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1050 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1100 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1150 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1200 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1250 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1300 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1350 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1400 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1450 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1500 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1550 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1600 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1650 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1700 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1750 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1800 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1850 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1900 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 1950 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 2000 | 32.2 | 33.5 | 33.7 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |

TOTAL NUMBER OF OBSERVATIONS 40

CEILING VERSUS VISIBILITY

74-53

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 39.7 | 41.4 | 34.1 | 35.2 | 35.3 | 35.5 | 35.5 | 37.6 | 35.6 | 35.7 | 35.9 | 37.4 | 37.4 | 41.5 | 41.5 | 41.5 |
| 34.2 | 35.7 | 39.3 | 41.6 | 40.7 | 42.8 | 41.5 | 41.3 | 41.5 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 35.2 | 35.7 | 39.3 | 41.6 | 40.7 | 42.8 | 41.5 | 41.3 | 41.5 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 34.1 | 35.7 | 39.3 | 41.6 | 40.7 | 42.8 | 41.5 | 41.3 | 41.5 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 34.1 | 35.4 | 39.7 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 35.2 | 41.5 | 43.8 | 45.1 | 45.4 | 45.5 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 34.4 | 46.5 | 51.2 | 52.7 | 53.5 | 57.3 | 53.4 | 57.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| 41.4 | 47.5 | 52.4 | 53.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 41.5 | 54.7 | 55.3 | 51.5 | 52.5 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 51.5 | 54.5 | 55.5 | 55.2 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| 51.5 | 55.1 | 51.5 | 53.7 | 63.5 | 53.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 55.5 | 55.7 | 55.7 | 57.3 | 57.7 | 55.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| 55.1 | 54.4 | 71.4 | 72.4 | 72.8 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| -3.7 | 54.3 | 75.5 | 75.3 | 79.7 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 45.7 | 71.1 | 75.7 | 75.4 | 83.1 | 57.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 47.5 | 72.7 | 84.5 | 85.4 | 85.3 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| 47.4 | 73.1 | 81.2 | 83.7 | 87.5 | 87.9 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 47.5 | 73.3 | 81.5 | 85.9 | 88.2 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 47.5 | 73.7 | 81.8 | 85.9 | 88.2 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 47.5 | 73.3 | 82.1 | 87.7 | 89.5 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 47.6 | 73.7 | 82.2 | 87.6 | 90.5 | 90.7 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 47.6 | 73.7 | 83.5 | 87.5 | 92.5 | 94.5 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 47.5 | 73.7 | 83.5 | 87.5 | 92.5 | 94.5 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 47.6 | 73.7 | 83.6 | 91.1 | 93.3 | 95.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 47.6 | 73.7 | 83.5 | 91.1 | 93.3 | 95.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 47.6 | 73.7 | 83.5 | 91.4 | 93.7 | 95.7 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 47.5 | 73.7 | 83.5 | 91.4 | 93.7 | 95.9 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 47.5 | 73.7 | 83.8 | 91.4 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____ 62

USAF F-4 0-14.5 101 A

12-24

- 2 - 27 -

• **2010** – **100th Anniversary**

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 AFMPC
 AIRWAY SERVICE

CEILING VERSUS VISIBILITY

10-14-57 10-14-57 10-14-57

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

USAF FORM 10-14-57

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 900 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 800 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 700 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 600 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 500 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 400 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 300 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 200 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 100 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 50 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 20 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 10 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 5 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 2 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 1 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 0 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |

TOTAL NUMBER OF OBSERVATIONS 157

U.S. AIR FORCE
METEOROLOGICAL SERVICE
OFFICE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

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|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100.0 | 99.7 | 99.4 | 99.1 | 98.8 | 98.5 | 98.2 | 97.9 | 97.6 | 97.3 | 97.0 | 96.7 | 96.4 | 96.1 | 95.8 | 95.5 | 95.2 | 94.9 | 94.6 | 94.3 | 94.0 | 93.7 | 93.4 | 93.1 | 92.8 | 92.5 | 92.2 | 91.9 | 91.6 | 91.3 | 91.0 | 90.7 | 90.4 | 90.1 | 89.8 | 89.5 | 89.2 | 88.9 | 88.6 | 88.3 | 88.0 | 87.7 | 87.4 | 87.1 | 86.8 | 86.5 | 86.2 | 85.9 | 85.6 | 85.3 | 85.0 | 84.7 | 84.4 | 84.1 | 83.8 | 83.5 | 83.2 | 82.9 | 82.6 | 82.3 | 82.0 | 81.7 | 81.4 | 81.1 | 80.8 | 80.5 | 80.2 | 79.9 | 79.6 | 79.3 | 79.0 | 78.7 | 78.4 | 78.1 | 77.8 | 77.5 | 77.2 | 76.9 | 76.6 | 76.3 | 76.0 | 75.7 | 75.4 | 75.1 | 74.8 | 74.5 | 74.2 | 73.9 | 73.6 | 73.3 | 73.0 | 72.7 | 72.4 | 72.1 | 71.8 | 71.5 | 71.2 | 70.9 | 70.6 | 70.3 | 70.0 | 69.7 | 69.4 | 69.1 | 68.8 | 68.5 | 68.2 | 67.9 | 67.6 | 67.3 | 67.0 | 66.7 | 66.4 | 66.1 | 65.8 | 65.5 | 65.2 | 64.9 | 64.6 | 64.3 | 64.0 | 63.7 | 63.4 | 63.1 | 62.8 | 62.5 | 62.2 | 61.9 | 61.6 | 61.3 | 61.0 | 60.7 | 60.4 | 60.1 | 59.8 | 59.5 | 59.2 | 58.9 | 58.6 | 58.3 | 58.0 | 57.7 | 57.4 | 57.1 | 56.8 | 56.5 | 56.2 | 55.9 | 55.6 | 55.3 | 55.0 | 54.7 | 54.4 | 54.1 | 53.8 | 53.5 | 53.2 | 52.9 | 52.6 | 52.3 | 52.0 | 51.7 | 51.4 | 51.1 | 50.8 | 50.5 | 50.2 | 49.9 | 49.6 | 49.3 | 49.0 | 48.7 | 48.4 | 48.1 | 47.8 | 47.5 | 47.2 | 46.9 | 46.6 | 46.3 | 46.0 | 45.7 | 45.4 | 45.1 | 44.8 | 44.5 | 44.2 | 43.9 | 43.6 | 43.3 | 43.0 | 42.7 | 42.4 | 42.1 | 41.8 | 41.5 | 41.2 | 40.9 | 40.6 | 40.3 | 40.0 | 39.7 | 39.4 | 39.1 | 38.8 | 38.5 | 38.2 | 37.9 | 37.6 | 37.3 | 37.0 | 36.7 | 36.4 | 36.1 | 35.8 | 35.5 | 35.2 | 34.9 | 34.6 | 34.3 | 34.0 | 33.7 | 33.4 | 33.1 | 32.8 | 32.5 | 32.2 | 31.9 | 31.6 | 31.3 | 31.0 | 30.7 | 30.4 | 30.1 | 29.8 | 29.5 | 29.2 | 28.9 | 28.6 | 28.3 | 28.0 | 27.7 | 27.4 | 27.1 | 26.8 | 26.5 | 26.2 | 25.9 | 25.6 | 25.3 | 25.0 | 24.7 | 24.4 | 24.1 | 23.8 | 23.5 | 23.2 | 22.9 | 22.6 | 22.3 | 22.0 | 21.7 | 21.4 | 21.1 | 20.8 | 20.5 | 20.2 | 19.9 | 19.6 | 19.3 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.5 | 17.2 | 16.9 | 16.6 | 16.3 | 16.0 | 15.7 | 15.4 | 15.1 | 14.8 | 14.5 | 14.2 | 13.9 | 13.6 | 13.3 | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.5 | 11.2 | 10.9 | 10.6 | 10.3 | 10.0 | 9.7 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.6 | 7.3 | 7.0 | 6.7 | 6.4 | 6.1 | 5.8 | 5.5 | 5.2 | 4.9 | 4.6 | 4.3 | 4.0 | 3.7 | 3.4 | 3.1 | 2.8 | 2.5 | 2.2 | 1.9 | 1.6 | 1.3 | 1.0 | 0.7 | 0.4 | 0.1 | 0.0 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

TOTAL NUMBER OF OBSERVATIONS _____

NATIONAL BUREAU OF INVESTIGATION
 WASHINGTON, D. C. 20535
 TELETYPE UNIT - 3500 KENYON AVENUE

DATE: 10/10/12 BY: JAH/ML
NAME: _____

TOTAL NUMBER OF OBSERVATIONS 11

USAF F-4C
 10-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

UNIT NAME
 SYMBOL NAME

77-3

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 30 | 20 | 10 | 5 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 74.7 | 30.1 | 33.1 | 31.1 | 39.2 | 40.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 900 | 74.7 | 36.1 | 33.1 | 34.1 | 39.2 | 40.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 800 | 74.7 | 34.1 | 36.1 | 39.1 | 39.2 | 40.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 700 | 74.7 | 36.7 | 31.7 | 39.8 | 40.4 | 40.2 | 41.2 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| 600 | 77.3 | 37.4 | 41.4 | 40.4 | 43.2 | 43.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 500 | 74.7 | 46.7 | 40.7 | 40.7 | 51.6 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| 400 | 74.7 | 47.2 | 49.2 | 51.2 | 51.7 | 52.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| 300 | 74.7 | 57.3 | 53.3 | 57.3 | 57.3 | 58.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| 200 | 74.7 | 55.2 | 57.2 | 51.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 100 | 74.7 | 55.2 | 54.2 | 54.2 | 55.2 | 57.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 50 | 77.3 | 58.3 | 52.3 | 53.7 | 54.8 | 55.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| 30 | 74.7 | 57.5 | 64.7 | 58.5 | 67.3 | 68.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| 20 | 74.7 | 77.2 | 73.2 | 75.3 | 77.2 | 78.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| 10 | 74.7 | 72.2 | 75.1 | 71.7 | 80.3 | 81.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| 5 | 74.7 | 74.6 | 79.3 | 80.4 | 84.8 | 86.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 1 | 71.6 | 75.7 | 81.3 | 84.4 | 87.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 0 | 71.6 | 75.5 | 81.3 | 84.6 | 87.2 | 88.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| | 71.6 | 75.9 | 81.5 | 84.8 | 87.2 | 88.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| | 74.4 | 75.7 | 83.2 | 87.7 | 89.9 | 91.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| | 74.4 | 76.7 | 83.2 | 87.7 | 89.9 | 92.1 | 93.3 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| | 74.6 | 77.1 | 84.6 | 89.9 | 93.1 | 95.7 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | 74.6 | 77.1 | 84.6 | 89.9 | 93.3 | 96.3 | 98.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 74.6 | 77.3 | 84.6 | 90.3 | 94.3 | 97.2 | 99.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 74.6 | 77.3 | 84.3 | 90.3 | 94.3 | 97.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 74.6 | 77.3 | 84.3 | 91.5 | 94.5 | 97.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 74.6 | 77.3 | 84.3 | 91.5 | 94.5 | 97.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 74.6 | 77.3 | 84.3 | 91.5 | 94.5 | 97.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 74.6 | 77.3 | 84.3 | 91.5 | 94.5 | 97.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 74.6 | 77.3 | 84.3 | 91.5 | 94.5 | 97.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 24

[illegible]

DATE TIME SUBJECT NAME

4-2

SAF 14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

100

— — — — —

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SA: FIA 2-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2-2-

1

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 AIRCRAFT SERVICE
 AIRCRAFT SERVICE

CEILING VERSUS VISIBILITY

STATION: ALTITUDE: JOURNAL:
 WIND: DIRECTION: SPEED:

74-1

141

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1-1-17

| CEILING | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 1 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 2 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 3 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 4 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 5 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 6 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 7 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 8 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 9 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 10 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 11 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 12 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 13 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 14 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 15 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 16 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 17 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 18 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 19 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 20 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 21 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 22 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 23 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |
| 24 | 20.1 | 27.5 | 27.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | |

TOTAL NUMBER OF OBSERVATIONS 80

CEILING VERSUS VISIBILITY

15-511

Abstract

• *Journal of Management Education* 31(10):1109-1122

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 7.0 | 21.4 | 23.6 | 25.0 | 26.2 | 27.4 | 28.6 | 29.8 | 31.0 | 32.2 | 33.4 | 34.6 | 35.8 | 37.0 | 38.2 | 39.4 | 40.6 | 41.8 | 43.0 | 44.2 | 45.4 | 46.6 | 47.8 | 49.0 | 50.2 | 51.4 | 52.6 | 53.8 | 55.0 | 56.2 | 57.4 | 58.6 | 59.8 | 61.0 | 62.2 | 63.4 | 64.6 | 65.8 | 67.0 | 68.2 | 69.4 | 70.6 | 71.8 | 73.0 | 74.2 | 75.4 | 76.6 | 77.8 | 79.0 | 80.2 | 81.4 | 82.6 | 83.8 | 85.0 | 86.2 | 87.4 | 88.6 | 89.8 | 91.0 | 92.2 | 93.4 | 94.6 | 95.8 | 97.0 | 98.2 | 99.4 | 100.6 | 101.8 | 103.0 | 104.2 | 105.4 | 106.6 | 107.8 | 109.0 | 110.2 | 111.4 | 112.6 | 113.8 | 115.0 | 116.2 | 117.4 | 118.6 | 119.8 | 121.0 | 122.2 | 123.4 | 124.6 | 125.8 | 127.0 | 128.2 | 129.4 | 130.6 | 131.8 | 133.0 | 134.2 | 135.4 | 136.6 | 137.8 | 139.0 | 140.2 | 141.4 | 142.6 | 143.8 | 145.0 | 146.2 | 147.4 | 148.6 | 149.8 | 151.0 | 152.2 | 153.4 | 154.6 | 155.8 | 157.0 | 158.2 | 159.4 | 160.6 | 161.8 | 163.0 | 164.2 | 165.4 | 166.6 | 167.8 | 169.0 | 170.2 | 171.4 | 172.6 | 173.8 | 175.0 | 176.2 | 177.4 | 178.6 | 179.8 | 181.0 | 182.2 | 183.4 | 184.6 | 185.8 | 187.0 | 188.2 | 189.4 | 190.6 | 191.8 | 193.0 | 194.2 | 195.4 | 196.6 | 197.8 | 199.0 | 200.2 | 201.4 | 202.6 | 203.8 | 205.0 | 206.2 | 207.4 | 208.6 | 209.8 | 211.0 | 212.2 | 213.4 | 214.6 | 215.8 | 217.0 | 218.2 | 219.4 | 220.6 | 221.8 | 223.0 | 224.2 | 225.4 | 226.6 | 227.8 | 229.0 | 230.2 | 231.4 | 232.6 | 233.8 | 235.0 | 236.2 | 237.4 | 238.6 | 239.8 | 241.0 | 242.2 | 243.4 | 244.6 | 245.8 | 247.0 | 248.2 | 249.4 | 250.6 | 251.8 | 253.0 | 254.2 | 255.4 | 256.6 | 257.8 | 259.0 | 260.2 | 261.4 | 262.6 | 263.8 | 265.0 | 266.2 | 267.4 | 268.6 | 269.8 | 271.0 | 272.2 | 273.4 | 274.6 | 275.8 | 277.0 | 278.2 | 279.4 | 280.6 | 281.8 | 283.0 | 284.2 | 285.4 | 286.6 | 287.8 | 289.0 | 290.2 | 291.4 | 292.6 | 293.8 | 295.0 | 296.2 | 297.4 | 298.6 | 299.8 | 301.0 | 302.2 | 303.4 | 304.6 | 305.8 | 307.0 | 308.2 | 309.4 | 310.6 | 311.8 | 313.0 | 314.2 | 315.4 | 316.6 | 317.8 | 319.0 | 320.2 | 321.4 | 322.6 | 323.8 | 325.0 | 326.2 | 327.4 | 328.6 | 329.8 | 331.0 | 332.2 | 333.4 | 334.6 | 335.8 | 337.0 | 338.2 | 339.4 | 340.6 | 341.8 | 343.0 | 344.2 | 345.4 | 346.6 | 347.8 | 349.0 | 350.2 | 351.4 | 352.6 | 353.8 | 355.0 | 356.2 | 357.4 | 358.6 | 359.8 | 361.0 | 362.2 | 363.4 | 364.6 | 365.8 | 367.0 | 368.2 | 369.4 | 370.6 | 371.8 | 373.0 | 374.2 | 375.4 | 376.6 | 377.8 | 379.0 | 380.2 | 381.4 | 382.6 | 383.8 | 385.0 | 386.2 | 387.4 | 388.6 | 389.8 | 391.0 | 392.2 | 393.4 | 394.6 | 395.8 | 397.0 | 398.2 | 399.4 | 400.6 | 401.8 | 403.0 | 404.2 | 405.4 | 406.6 | 407.8 | 409.0 | 410.2 | 411.4 | 412.6 | 413.8 | 415.0 | 416.2 | 417.4 | 418.6 | 419.8 | 421.0 | 422.2 | 423.4 | 424.6 | 425.8 | 427.0 | 428.2 | 429.4 | 430.6 | 431.8 | 433.0 | 434.2 | 435.4 | 436.6 | 437.8 | 439.0 | 440.2 | 441.4 | 442.6 | 443.8 | 445.0 | 446.2 | 447.4 | 448.6 | 449.8 | 451.0 | 452.2 | 453.4 | 454.6 | 455.8 | 457.0 | 458.2 | 459.4 | 460.6 | 461.8 | 463.0 | 464.2 | 465.4 | 466.6 | 467.8 | 469.0 | 470.2 | 471.4 | 472.6 | 473.8 | 475.0 | 476.2 | 477.4 | 478.6 | 479.8 | 481.0 | 482.2 | 483.4 | 484.6 | 485.8 | 487.0 | 488.2 | 489.4 | 490.6 | 491.8 | 493.0 | 494.2 | 495.4 | 496.6 | 497.8 | 499.0 | 500.2 | 501.4 | 502.6 | 503.8 | 505.0 | 506.2 | 507.4 | 508.6 | 509.8 | 511.0 | 512.2 | 513.4 | 514.6 | 515.8 | 517.0 | 518.2 | 51 |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|

TOTAL NUMBER OF OBSERVATIONS 100

SAF 1-A 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
AFETAC
U.S. WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION NAME ATSUJI NAF JAPAN

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-11-11

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 100 | 1.5 | 1.4 | 27.6 | 28.9 | 33.9 | 38.9 | 40.9 | 42.9 | 44.9 | 46.9 | 48.9 | 50.9 | 52.9 | 54.9 | 56.9 | 58.9 | 60.9 | 62.9 | 64.9 |
| 200 | 1.5 | 44.8 | 47.2 | 51.5 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 300 | 1.5 | 44.8 | 48.1 | 57.7 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| 400 | 1.5 | 44.8 | 48.1 | 58.7 | 52.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| 500 | 43.8 | 46.4 | 50.4 | 57.1 | 53.7 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| 600 | 43.8 | 48.3 | 54.3 | 57.7 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| 700 | 47.8 | 51.8 | 56.8 | 61.7 | 60.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 800 | 48.4 | 52.2 | 57.1 | 61.2 | 62.1 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 900 | 50.2 | 54.2 | 59.3 | 63.5 | 64.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| 1000 | 52.4 | 56.2 | 59.4 | 62.5 | 64.5 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 1100 | 53.4 | 56.8 | 59.3 | 64.7 | 65.5 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 1200 | 54.8 | 58.8 | 62.7 | 67.7 | 68.7 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 1300 | 56.3 | 61.3 | 67.9 | 73.9 | 75.8 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 1400 | 57.7 | 62.8 | 69.5 | 75.7 | 76.7 | 77.5 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 1500 | 58.2 | 63.8 | 71.9 | 78.4 | 80.7 | 81.7 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 1600 | 58.2 | 67.8 | 75.7 | 83.7 | 84.3 | 85.4 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| 1700 | 58.2 | 69.3 | 76.3 | 84.2 | 85.7 | 86.9 | 87.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| 1800 | 58.2 | 69.5 | 76.6 | 84.4 | 85.9 | 87.1 | 87.9 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 1900 | 58.2 | 69.9 | 77.1 | 85.2 | 86.7 | 88.3 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 2000 | 58.4 | 69.2 | 77.6 | 86.0 | 87.7 | 89.4 | 90.3 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 2100 | 58.4 | 69.3 | 77.9 | 87.3 | 89.3 | 91.6 | 93.4 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 2200 | 58.4 | 69.3 | 77.9 | 87.3 | 89.3 | 91.6 | 93.5 | 95.1 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 2300 | 58.4 | 69.3 | 78.2 | 87.8 | 90.5 | 92.5 | 94.5 | 96.1 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 2400 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 95.3 | 97.2 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 2500 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 95.4 | 97.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 2600 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 96.1 | 98.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2700 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 96.1 | 98.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2800 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 96.1 | 98.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2900 | 58.4 | 69.3 | 78.2 | 88.4 | 90.7 | 93.3 | 96.1 | 98.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 275

CEILING VERSUS VISIBILITY

1-2-3

[illegible]

1985, 1987, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

7-2

... ..

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR CLIMATELOGY BRANCH
AFETAC
U.S. WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

1957-58 HIRSHI NAS JAPAN
STATION NAME

74-30

10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING
(FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 100 | 34.4 | 34.6 | 35.3 | 35.1 | 39.2 | 29.5 | 39.6 | 39.7 | 39.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| 150 | 34.4 | 35.1 | 35.4 | 35.5 | 39.9 | 40.2 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| 200 | 34.4 | 35.2 | 35.5 | 35.5 | 39.9 | 40.2 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| 250 | 35.5 | 37.3 | 39.7 | 40.9 | 41.2 | 41.5 | 41.7 | 41.8 | 41.8 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 300 | 35.5 | 40.7 | 43.3 | 44.7 | 45.0 | 45.4 | 45.5 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 350 | 40.3 | 44.4 | 47.7 | 48.4 | 49.8 | 50.2 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| 400 | 42.8 | 45.4 | 48.4 | 50.1 | 50.5 | 50.9 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| 450 | 42.8 | 48.9 | 52.5 | 54.7 | 55.3 | 55.9 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| 500 | 44.8 | 49.6 | 53.2 | 55.4 | 56.1 | 56.6 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 550 | 47.4 | 50.5 | 54.2 | 56.5 | 57.1 | 57.7 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 600 | 50.3 | 53.6 | 57.2 | 59.3 | 60.7 | 61.4 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| 650 | 50.0 | 56.5 | 61.1 | 64.7 | 64.8 | 65.6 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| 700 | 57.2 | 61.2 | 66.0 | 70.3 | 71.4 | 72.5 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| 750 | 57.2 | 63.3 | 69.1 | 73.5 | 74.8 | 76.2 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 800 | 62.4 | 67.2 | 73.4 | 77.4 | 80.0 | 81.8 | 82.9 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 850 | 63.7 | 68.7 | 75.5 | 80.8 | 82.5 | 84.7 | 85.6 | 86.0 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 900 | 64.7 | 69.7 | 76.7 | 82.3 | 84.0 | 85.8 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 950 | 64.3 | 69.9 | 76.9 | 82.5 | 84.2 | 86.1 | 87.5 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 1000 | 65.4 | 70.5 | 78.1 | 84.3 | 86.3 | 88.7 | 90.3 | 90.8 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 1050 | 65.6 | 70.7 | 78.4 | 84.9 | 87.0 | 89.6 | 91.4 | 92.1 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 1100 | 65.6 | 71.0 | 78.9 | 86.2 | 88.4 | 91.4 | 93.5 | 94.4 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 1150 | 65.4 | 71.0 | 79.5 | 86.3 | 88.7 | 91.7 | 94.0 | 94.8 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 1200 | 65.6 | 71.1 | 79.2 | 86.8 | 89.4 | 92.6 | 95.0 | 96.0 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 1250 | 65.9 | 71.1 | 79.2 | 87.0 | 89.7 | 92.9 | 95.4 | 96.4 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 1300 | 65.9 | 71.1 | 79.2 | 87.0 | 89.8 | 93.0 | 95.7 | 96.8 | 97.7 | 98.0 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 1350 | 65.9 | 71.1 | 79.3 | 87.2 | 90.1 | 93.5 | 96.3 | 97.4 | 98.4 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 1400 | 65.9 | 71.1 | 79.3 | 87.3 | 90.2 | 93.7 | 96.5 | 97.5 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 1450 | 65.9 | 71.1 | 79.3 | 87.3 | 90.2 | 93.8 | 96.6 | 97.7 | 98.7 | 99.2 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1500 | 65.9 | 71.1 | 79.3 | 87.3 | 90.2 | 93.8 | 96.6 | 97.8 | 98.8 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1550 | 65.9 | 71.1 | 79.3 | 87.3 | 90.2 | 93.8 | 96.6 | 97.8 | 98.8 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| 1600 | 65.9 | 71.1 | 79.3 | 87.3 | 90.2 | 93.8 | 96.6 | 97.8 | 98.8 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
A-10
WEATHER SERVICE, AFAC

CEILING VERSUS VISIBILITY

74-60

74-60

74-60

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

74-60

| VISIBILITY STATE MILES | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| 20.3 | 29.5 | 30.6 | 31.3 | 31.3 | 37.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 32.6 | 37.2 | 37.3 | 37.9 | 37.9 | 41.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| 37.6 | 37.1 | 37.3 | 37.9 | 37.9 | 41.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| 37.6 | 37.8 | 37.3 | 37.9 | 37.9 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| 37.6 | 37.9 | 37.4 | 40.1 | 40.1 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| 42.6 | 42.7 | 42.2 | 42.2 | 42.2 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 | 43.6 |
| 44.6 | 45.9 | 47.2 | 48.7 | 48.7 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| 44.6 | 45.4 | 47.2 | 48.7 | 48.7 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| 50.6 | 52.9 | 54.6 | 54.6 | 56.7 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 52.6 | 54.1 | 55.9 | 57.8 | 58.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| 53.1 | 55.2 | 57.3 | 59.3 | 59.4 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| 58.4 | 58.5 | 58.7 | 62.7 | 63.3 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 59.3 | 61.7 | 64.5 | 66.3 | 67.1 | 67.7 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| 63.1 | 63.1 | 72.3 | 75.2 | 75.6 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 66.4 | 69.1 | 73.3 | 77.3 | 77.3 | 78.5 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 70.1 | 73.2 | 77.7 | 81.3 | 82.2 | 83.7 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 71.6 | 73.9 | 79.0 | 83.6 | 84.0 | 85.5 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 71.7 | 74.6 | 80.0 | 84.7 | 85.1 | 86.8 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| 71.8 | 74.8 | 80.1 | 84.9 | 85.3 | 87.0 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| 72.1 | 75.4 | 81.9 | 86.1 | 89.2 | 90.9 | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 72.5 | 75.7 | 82.2 | 86.6 | 90.7 | 93.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 72.5 | 75.7 | 82.2 | 86.6 | 91.9 | 94.5 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 72.5 | 75.7 | 82.6 | 91.4 | 92.7 | 95.3 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 72.5 | 75.7 | 82.6 | 91.5 | 93.2 | 95.8 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 72.5 | 75.7 | 82.6 | 91.7 | 93.2 | 96.1 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 72.5 | 75.7 | 82.7 | 91.7 | 93.2 | 96.3 | 97.4 | 97.9 | 98.2 | 98.4 | 98.7 | 98.9 | 98.9 |
| 72.5 | 75.7 | 82.7 | 91.7 | 93.2 | 96.7 | 97.9 | 98.4 | 98.7 | 98.9 | 99.2 | 99.3 | 99.3 |
| 72.5 | 75.9 | 82.9 | 92.3 | 93.0 | 96.9 | 98.0 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 |
| 72.5 | 75.9 | 82.9 | 92.3 | 93.0 | 96.9 | 98.0 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 |
| 72.5 | 75.9 | 82.9 | 92.3 | 93.0 | 96.9 | 98.0 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 |
| 72.5 | 75.9 | 82.9 | 92.3 | 93.0 | 96.9 | 98.0 | 98.5 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS _____

1. NAME OF STATION
2. LOCATION
3. DATE

CEILING VERSUS VISIBILITY

4. TIME OF DAY
5. MONTH
6. YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 6000 | 5000 | 4000 | 3000 | 2000 | 1000 | 500 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 6000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 5000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 4000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 3000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 2000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 1000 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 500 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 200 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 100 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 50 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 20 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 10 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
METEOROLOGICAL SERVICE
AT SUGI, JAPAN

CEILING VERSUS VISIBILITY

STATION NAME
AT SUGI, JAPAN

74-51

500

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-2-14

| CEILING | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 90 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 80 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 70 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 60 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 50 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 40 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 30 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 20 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 10 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 0 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 10 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 20 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 30 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 40 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 50 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 60 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 70 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 80 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 90 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 100 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-22

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

Sub. 1. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 8

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 31.4 | 32.5 | 33.6 | 34.7 | 35.8 | 36.9 | 38.0 | 39.1 | 40.2 | 41.3 | 42.4 | 43.5 | 44.6 | 45.7 | 46.8 | 47.9 | 49.0 | 50.1 | 51.2 | 52.3 | 53.4 | 54.5 | 55.6 | 56.7 | 57.8 | 58.9 | 60.0 | 61.1 | 62.2 | 63.3 | 64.4 | 65.5 | 66.6 | 67.7 | 68.8 | 69.9 | 71.0 | 72.1 | 73.2 | 74.3 | 75.4 | 76.5 | 77.6 | 78.7 | 79.8 | 80.9 | 82.0 | 83.1 | 84.2 | 85.3 | 86.4 | 87.5 | 88.6 | 89.7 | 90.8 | 91.9 | 93.0 | 94.1 | 95.2 | 96.3 | 97.4 | 98.5 | 99.6 | 100.7 | 101.8 | 102.9 | 104.0 | 105.1 | 106.2 | 107.3 | 108.4 | 109.5 | 110.6 | 111.7 | 112.8 | 113.9 | 115.0 | 116.1 | 117.2 | 118.3 | 119.4 | 120.5 | 121.6 | 122.7 | 123.8 | 124.9 | 126.0 | 127.1 | 128.2 | 129.3 | 130.4 | 131.5 | 132.6 | 133.7 | 134.8 | 135.9 | 137.0 | 138.1 | 139.2 | 140.3 | 141.4 | 142.5 | 143.6 | 144.7 | 145.8 | 146.9 | 148.0 | 149.1 | 150.2 | 151.3 | 152.4 | 153.5 | 154.6 | 155.7 | 156.8 | 157.9 | 159.0 | 160.1 | 161.2 | 162.3 | 163.4 | 164.5 | 165.6 | 166.7 | 167.8 | 168.9 | 170.0 | 171.1 | 172.2 | 173.3 | 174.4 | 175.5 | 176.6 | 177.7 | 178.8 | 179.9 | 181.0 | 182.1 | 183.2 | 184.3 | 185.4 | 186.5 | 187.6 | 188.7 | 189.8 | 190.9 | 192.0 | 193.1 | 194.2 | 195.3 | 196.4 | 197.5 | 198.6 | 199.7 | 200.8 | 201.9 | 203.0 | 204.1 | 205.2 | 206.3 | 207.4 | 208.5 | 209.6 | 210.7 | 211.8 | 212.9 | 214.0 | 215.1 | 216.2 | 217.3 | 218.4 | 219.5 | 220.6 | 221.7 | 222.8 | 223.9 | 225.0 | 226.1 | 227.2 | 228.3 | 229.4 | 230.5 | 231.6 | 232.7 | 233.8 | 234.9 | 236.0 | 237.1 | 238.2 | 239.3 | 240.4 | 241.5 | 242.6 | 243.7 | 244.8 | 245.9 | 247.0 | 248.1 | 249.2 | 250.3 | 251.4 | 252.5 | 253.6 | 254.7 | 255.8 | 256.9 | 258.0 | 259.1 | 260.2 | 261.3 | 262.4 | 263.5 | 264.6 | 265.7 | 266.8 | 267.9 | 269.0 | 270.1 | 271.2 | 272.3 | 273.4 | 274.5 | 275.6 | 276.7 | 277.8 | 278.9 | 280.0 | 281.1 | 282.2 | 283.3 | 284.4 | 285.5 | 286.6 | 287.7 | 288.8 | 289.9 | 291.0 | 292.1 | 293.2 | 294.3 | 295.4 | 296.5 | 297.6 | 298.7 | 299.8 | 300.9 | 302.0 | 303.1 | 304.2 | 305.3 | 306.4 | 307.5 | 308.6 | 309.7 | 310.8 | 311.9 | 313.0 | 314.1 | 315.2 | 316.3 | 317.4 | 318.5 | 319.6 | 320.7 | 321.8 | 322.9 | 324.0 | 325.1 | 326.2 | 327.3 | 328.4 | 329.5 | 330.6 | 331.7 | 332.8 | 333.9 | 335.0 | 336.1 | 337.2 | 338.3 | 339.4 | 340.5 | 341.6 | 342.7 | 343.8 | 344.9 | 346.0 | 347.1 | 348.2 | 349.3 | 350.4 | 351.5 | 352.6 | 353.7 | 354.8 | 355.9 | 357.0 | 358.1 | 359.2 | 360.3 | 361.4 | 362.5 | 363.6 | 364.7 | 365.8 | 366.9 | 368.0 | 369.1 | 370.2 | 371.3 | 372.4 | 373.5 | 374.6 | 375.7 | 376.8 | 377.9 | 379.0 | 380.1 | 381.2 | 382.3 | 383.4 | 384.5 | 385.6 | 386.7 | 387.8 | 388.9 | 390.0 | 391.1 | 392.2 | 393.3 | 394.4 | 395.5 | 396.6 | 397.7 | 398.8 | 399.9 | 401.0 | 402.1 | 403.2 | 404.3 | 405.4 | 406.5 | 407.6 | 408.7 | 409.8 | 410.9 | 412.0 | 413.1 | 414.2 | 415.3 | 416.4 | 417.5 | 418.6 | 419.7 | 420.8 | 421.9 |

TOTAL NUMBER OF OBSERVATIONS 4

USAF F-105 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATE LOG - HANCO
SECTAC
WEATHER SERVICE, MAAS

CEILING VERSUS VISIBIL

74-11
ALBUQUERQUE, N.M.

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| VISIBILITY IN FEET | | | | | | | | | | | | | |
|--------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 10.0 | 11.1 | 12.4 | 13.7 | 15.0 | 16.3 | 17.7 | 19.0 | 20.4 | 21.7 | 23.1 | 24.4 | 25.8 | 27.1 |
| 18.3 | 19.6 | 21.0 | 22.4 | 23.7 | 25.1 | 26.5 | 27.8 | 29.2 | 30.6 | 31.9 | 33.3 | 34.7 | 36.0 |
| 37.4 | 38.8 | 40.2 | 41.6 | 42.9 | 44.3 | 45.7 | 47.1 | 48.4 | 49.8 | 51.2 | 52.6 | 53.9 | 55.3 |
| 56.7 | 58.1 | 59.5 | 60.8 | 62.2 | 63.6 | 64.9 | 66.3 | 67.7 | 69.0 | 70.4 | 71.8 | 73.1 | 74.5 |
| 75.9 | 77.3 | 78.6 | 80.0 | 81.4 | 82.7 | 84.1 | 85.5 | 86.8 | 88.2 | 89.6 | 90.9 | 92.3 | 93.7 |
| 95.0 | 96.4 | 97.7 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

78790 ATSUJ NAF JAPAN
 STATION NAME

74-43

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| VISIBILITY | CEILING FEET | | | | | | | | | | | | | | | |
|------------|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0-1 | 2-3 | 4-5 | 6-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-17 | 18-19 | 20-21 | 22-23 | 24-25 | 26-27 | 28-29 | 30-31 |
| 0-1 | 10.5 | 11.1 | 14.3 | 17.7 | 11.0 | 17.4 | 11.5 | 17.5 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| 2-3 | 10.5 | 11.1 | 14.3 | 17.7 | 21.1 | 22.2 | 23.7 | 24.5 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| 4-5 | 10.5 | 11.1 | 14.3 | 17.7 | 21.1 | 22.2 | 23.7 | 24.5 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| 6-7 | 10.5 | 11.1 | 14.3 | 17.7 | 21.1 | 22.2 | 23.7 | 24.5 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| 8-9 | 10.5 | 11.1 | 14.3 | 17.7 | 21.1 | 22.2 | 23.7 | 24.5 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| 10-11 | 11.5 | 14.5 | 19.0 | 25.9 | 27.8 | 20.5 | 30.8 | 30.7 | 31.2 | 31.2 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 |
| 12-13 | 14.5 | 17.5 | 22.4 | 31.7 | 32.9 | 35.4 | 37.2 | 37.8 | 38.4 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| 14-15 | 14.7 | 17.7 | 22.9 | 31.5 | 33.4 | 35.2 | 36.1 | 36.4 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| 16-17 | 16.5 | 17.0 | 25.2 | 33.5 | 36.3 | 39.1 | 41.5 | 42.2 | 43.0 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| 18-19 | 16.7 | 20.6 | 25.6 | 34.1 | 37.1 | 39.7 | 42.3 | 42.5 | 43.0 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| 20-21 | 17.7 | 21.7 | 26.7 | 37.3 | 38.4 | 41.0 | 43.5 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 22-23 | 18.6 | 22.6 | 28.2 | 37.5 | 40.7 | 43.4 | 46.1 | 46.6 | 47.4 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| 24-25 | 18.6 | 24.1 | 29.9 | 39.4 | 42.6 | 46.3 | 49.2 | 49.8 | 50.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| 26-27 | 21.5 | 25.6 | 32.1 | 41.2 | 46.5 | 50.6 | 54.3 | 55.7 | 57.0 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 28-29 | 25.4 | 28.0 | 35.6 | 47.4 | 51.4 | 55.5 | 60.6 | 61.7 | 63.3 | 63.2 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| 30-31 | 29.1 | 29.8 | 38.2 | 51.5 | 55.6 | 60.7 | 65.7 | 67.2 | 69.2 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 32-33 | 29.6 | 30.7 | 39.2 | 52.8 | 56.8 | 61.5 | 67.7 | 69.3 | 71.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 34-35 | 29.8 | 31.7 | 40.3 | 53.9 | 58.1 | 62.9 | 69.6 | 71.7 | 73.7 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 36-37 | 29.8 | 31.8 | 40.4 | 54.4 | 58.6 | 63.3 | 70.7 | 72.3 | 74.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| 38-39 | 27.3 | 30.7 | 41.6 | 56.5 | 61.0 | 66.2 | 73.4 | 76.2 | 79.3 | 79.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 40-41 | 28.0 | 32.2 | 42.3 | 57.9 | 62.6 | 68.7 | 77.0 | 80.0 | 82.5 | 84.1 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 42-43 | 28.1 | 33.3 | 42.6 | 58.7 | 63.7 | 70.2 | 80.5 | 83.1 | 86.2 | 87.7 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 44-45 | 28.1 | 33.4 | 42.9 | 59.2 | 64.2 | 71.1 | 81.2 | 84.7 | 87.1 | 89.6 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 46-47 | 28.3 | 33.6 | 43.2 | 59.7 | 64.5 | 72.3 | 83.1 | 86.6 | 89.2 | 90.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 48-49 | 28.3 | 33.6 | 43.3 | 60.2 | 65.5 | 73.1 | 84.0 | 87.6 | 91.1 | 93.5 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 50-51 | 28.4 | 33.8 | 43.7 | 61.4 | 66.5 | 74.7 | 85.8 | 89.9 | 93.4 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 52-53 | 28.5 | 33.9 | 44.3 | 61.7 | 67.2 | 75.2 | 86.5 | 90.8 | 94.7 | 97.4 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 54-55 | 28.7 | 34.0 | 44.2 | 61.9 | 67.4 | 75.4 | 86.8 | 91.2 | 95.0 | 97.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 56-57 | 28.8 | 34.1 | 44.3 | 62.2 | 67.6 | 75.6 | 87.4 | 91.8 | 95.6 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 58-59 | 28.8 | 34.1 | 44.3 | 62.2 | 67.6 | 75.6 | 87.4 | 91.8 | 95.6 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 60-61 | 28.8 | 34.1 | 44.3 | 62.2 | 67.6 | 75.6 | 87.4 | 91.8 | 95.6 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

74-53

1-19-

TOTAL NUMBER OF OBSERVATIONS 100

LOCAL METEOROLOGICAL BRANCH
METAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME ATSUJI YAO JAPAN

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10 | 1.2 | 17.2 | 14.4 | 15.4 | 15.7 | 16.1 | 16.2 | 16.2 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 |
| 15 | 17.8 | 21.6 | 24.6 | 27.7 | 27.4 | 28.2 | 28.5 | 28.6 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |
| 20 | 18.9 | 21.7 | 24.6 | 27.1 | 27.7 | 28.3 | 28.6 | 28.7 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| 25 | 19.9 | 21.8 | 24.6 | 27.1 | 27.6 | 28.3 | 28.7 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 |
| 30 | 21.3 | 27.2 | 28.0 | 29.1 | 29.8 | 30.3 | 30.7 | 30.8 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| 35 | 22.0 | 27.5 | 28.0 | 34.6 | 33.9 | 34.3 | 36.2 | 36.2 | 37.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 |
| 40 | 23.1 | 30.4 | 37.3 | 40.6 | 41.9 | 42.8 | 43.7 | 43.8 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 45 | 23.8 | 33.3 | 38.1 | 41.6 | 43.8 | 43.8 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 50 | 24.7 | 36.5 | 41.8 | 45.8 | 47.2 | 48.3 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| 55 | 25.1 | 36.9 | 42.3 | 46.3 | 47.7 | 48.9 | 49.9 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 60 | 25.9 | 37.7 | 43.2 | 47.2 | 48.6 | 49.7 | 50.4 | 51.1 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| 65 | 26.6 | 39.6 | 45.5 | 49.2 | 51.4 | 52.5 | 53.7 | 53.9 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| 70 | 27.1 | 41.3 | 47.4 | 52.3 | 54.1 | 55.4 | 56.6 | 56.9 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| 75 | 28.0 | 44.7 | 51.7 | 57.5 | 59.9 | 61.1 | 62.6 | 63.1 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 80 | 28.2 | 45.9 | 54.6 | 61.7 | 63.4 | 65.5 | 67.3 | 67.7 | 68.2 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 85 | 28.4 | 47.2 | 57.6 | 64.9 | 67.9 | 70.0 | 72.2 | 72.7 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| 90 | 28.6 | 51.5 | 60.4 | 68.4 | 71.0 | 73.7 | 76.1 | 76.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 95 | 28.7 | 53.1 | 62.5 | 71.9 | 73.0 | 76.6 | 79.2 | 81.0 | 82.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 100 | 28.8 | 53.2 | 62.5 | 71.9 | 73.0 | 76.8 | 79.4 | 82.2 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 105 | 28.9 | 54.6 | 64.5 | 73.5 | 76.0 | 80.0 | 82.4 | 83.9 | 84.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 110 | 29.3 | 55.2 | 65.3 | 74.9 | 78.4 | 82.4 | 85.9 | 87.1 | 88.0 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 115 | 29.5 | 55.5 | 65.9 | 76.1 | 80.0 | 84.6 | 88.9 | 90.7 | 91.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 120 | 29.6 | 55.5 | 66.3 | 76.1 | 80.1 | 84.9 | 89.2 | 90.7 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 125 | 29.7 | 55.7 | 66.3 | 76.9 | 81.1 | 86.2 | 91.2 | 93.2 | 94.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 130 | 29.7 | 55.8 | 66.4 | 77.1 | 81.5 | 86.6 | 91.3 | 93.9 | 95.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 135 | 29.8 | 55.8 | 66.6 | 77.4 | 82.0 | 87.7 | 92.5 | 94.5 | 96.2 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 140 | 29.9 | 55.9 | 66.7 | 77.6 | 82.2 | 87.7 | 93.1 | 95.5 | 97.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 145 | 30.0 | 56.0 | 66.8 | 77.8 | 82.4 | 88.0 | 93.6 | 96.2 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 150 | 30.0 | 56.0 | 66.8 | 77.8 | 82.4 | 88.0 | 93.6 | 96.2 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 155 | 30.0 | 56.0 | 66.8 | 77.8 | 82.4 | 88.0 | 93.6 | 96.2 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 160 | 30.0 | 56.0 | 66.8 | 77.8 | 82.4 | 88.0 | 93.6 | 96.2 | 98.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 5425

USAF CLIMATE SERVICE BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: MATSUJI NAG JAPAN

74-67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-1-1961

| CEILING (FEET) | | VISIBILITY (MILES) | | | | | | | | | | | | | | | | | | | | |
|----------------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 | 500 | 1000 |
| 10.0 | 17.2 | 17.4 | 19.3 | 19.8 | 21.7 | 21.9 | 22.1 | 22.4 | 23.1 | 23.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| 17.0 | 17.0 | 22.7 | 23.2 | 25.1 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 |
| 17.0 | 18.0 | 22.9 | 25.3 | 26.5 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| 17.0 | 19.0 | 22.9 | 25.3 | 26.5 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 |
| 18.1 | 22.1 | 23.6 | 26.4 | 27.3 | 28.7 | 29.6 | 30.2 | 31.7 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 21.0 | 23.2 | 27.5 | 31.1 | 32.1 | 33.5 | 35.1 | 36.2 | 37.1 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| 28.4 | 28.9 | 34.2 | 37.4 | 39.8 | 41.2 | 42.6 | 44.3 | 45.2 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| 30.6 | 29.4 | 34.7 | 39.4 | 40.7 | 42.2 | 43.9 | 45.3 | 46.2 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| 30.3 | 31.4 | 37.2 | 40.4 | 43.5 | 45.7 | 47.5 | 48.9 | 49.7 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 30.3 | 31.6 | 37.2 | 42.4 | 43.5 | 45.3 | 47.5 | 48.9 | 49.7 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 30.7 | 31.4 | 37.6 | 47.9 | 44.3 | 45.8 | 46.0 | 49.4 | 50.3 | 50.6 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| 34.9 | 37.3 | 39.9 | 45.3 | 47.2 | 48.6 | 50.9 | 52.3 | 53.3 | 53.7 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| 31.7 | 35.8 | 43.3 | 49.2 | 51.2 | 50.3 | 55.3 | 56.8 | 58.1 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 34.2 | 38.9 | 48.1 | 54.2 | 57.1 | 58.6 | 62.4 | 63.9 | 65.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| 35.0 | 39.9 | 49.7 | 57.1 | 59.7 | 60.2 | 65.2 | 67.0 | 68.4 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| 38.0 | 41.3 | 51.4 | 59.2 | 62.2 | 65.7 | 68.2 | 70.3 | 71.7 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 38.0 | 41.8 | 52.0 | 61.2 | 63.4 | 66.5 | 69.6 | 71.7 | 73.2 | 73.6 | 73.7 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 38.9 | 42.2 | 53.0 | 61.7 | 64.2 | 68.7 | 72.5 | 74.6 | 76.5 | 76.5 | 77.1 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 37.0 | 42.3 | 53.3 | 62.8 | 65.2 | 68.9 | 72.2 | 74.9 | 76.5 | 77.1 | 77.3 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 37.9 | 43.2 | 54.5 | 64.3 | 66.2 | 72.3 | 76.1 | 78.9 | 80.6 | 81.1 | 81.3 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| 38.1 | 43.8 | 55.2 | 65.4 | 69.6 | 73.9 | 77.9 | 80.8 | 82.4 | 83.2 | 83.6 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 38.3 | 43.7 | 55.6 | 65.4 | 71.3 | 76.5 | 81.6 | 84.6 | 86.7 | 87.9 | 88.4 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 38.2 | 43.8 | 55.8 | 66.7 | 71.6 | 76.9 | 81.8 | 84.8 | 87.1 | 88.1 | 88.6 | 89.1 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 38.6 | 44.3 | 56.4 | 67.4 | 72.0 | 77.9 | 83.6 | 87.2 | 89.3 | 91.4 | 91.9 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 38.6 | 44.4 | 56.7 | 67.7 | 73.0 | 78.5 | 84.5 | 88.3 | 90.9 | 92.7 | 93.2 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 38.6 | 44.4 | 56.7 | 67.7 | 73.1 | 78.9 | 85.0 | 89.0 | 91.7 | 93.7 | 94.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 38.6 | 44.7 | 57.1 | 67.8 | 73.4 | 79.4 | 85.5 | 89.5 | 92.2 | 94.2 | 94.7 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 38.6 | 44.7 | 57.1 | 68.4 | 74.0 | 80.6 | 86.7 | 90.9 | 93.7 | 95.8 | 96.7 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 38.6 | 44.7 | 57.1 | 68.4 | 74.0 | 80.6 | 86.7 | 90.9 | 93.7 | 95.8 | 96.7 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 38.6 | 44.7 | 57.1 | 68.4 | 74.0 | 80.6 | 86.7 | 90.9 | 93.7 | 95.8 | 96.7 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |

TOTAL NUMBER OF OBSERVATIONS 75

ALBUQUERQUE METEOROLOGICAL STATION
 REPORT
 MONTHLY SUMMARY

CEILING VERSUS VISIBILITY

STATION NAME ALBUQUERQUE METEOROLOGICAL STATION

74-75

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 11.7 | 11.4 | 10.5 | 17.3 | 18.7 | 27.6 | 41.5 | 42.3 | 53.7 | 67.4 | 73.4 | 77.4 | 80.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 900 | 11.0 | 13.4 | 19.1 | 21.5 | 25.1 | 27.8 | 29.5 | 30.1 | 30.1 | 31.2 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 800 | 13.9 | 15.4 | 17.5 | 20.5 | 23.1 | 27.8 | 29.5 | 30.1 | 30.1 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 700 | 13.9 | 15.4 | 17.5 | 20.5 | 23.1 | 27.8 | 29.5 | 30.1 | 30.1 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 600 | 13.9 | 15.4 | 17.5 | 20.5 | 23.1 | 27.8 | 29.5 | 30.1 | 30.1 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 500 | 16.1 | 17.3 | 22.5 | 22.5 | 30.2 | 32.2 | 33.1 | 36.4 | 37.2 | 38.2 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 |
| 400 | 17.5 | 21.4 | 25.4 | 32.2 | 34.2 | 37.2 | 40.7 | 41.5 | 42.4 | 43.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 300 | 17.5 | 21.4 | 25.4 | 32.2 | 34.2 | 37.2 | 40.7 | 41.5 | 42.4 | 43.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 200 | 19.3 | 20.4 | 27.7 | 34.9 | 37.1 | 41.2 | 43.9 | 44.9 | 45.7 | 47.1 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 100 | 19.3 | 20.4 | 27.7 | 34.9 | 37.1 | 41.2 | 43.9 | 44.9 | 45.7 | 47.1 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 50 | 19.9 | 20.9 | 28.5 | 35.7 | 37.9 | 42.7 | 44.9 | 45.8 | 46.7 | 48.1 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| 25 | 19.9 | 20.9 | 28.5 | 35.7 | 37.9 | 42.7 | 44.9 | 45.8 | 46.7 | 48.1 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| 10 | 22.1 | 25.2 | 33.1 | 41.1 | 43.5 | 47.2 | 50.9 | 52.1 | 53.1 | 54.4 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| 5 | 24.1 | 27.2 | 35.2 | 43.7 | 47.1 | 51.5 | 54.8 | 56.6 | 57.7 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| 2 | 25.2 | 29.5 | 36.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 1 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 0 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 1000 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 900 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 800 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 700 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 600 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 500 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 400 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 300 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 200 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 100 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 50 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 25 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 10 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 5 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 2 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 1 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| 0 | 26.2 | 30.5 | 38.8 | 47.7 | 49.9 | 54.9 | 58.9 | 61.1 | 62.2 | 63.3 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |

TOTAL NUMBER OF OBSERVATIONS 1000

AD-A159 684

ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. FEB 85

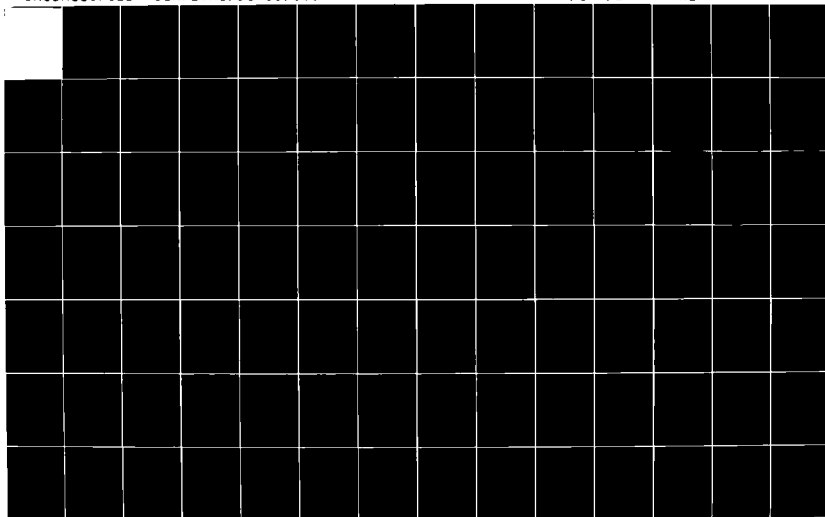
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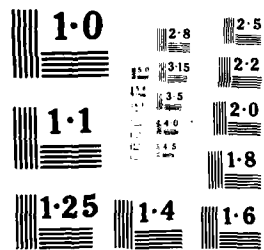
UNCLASSIFIED

USAFETAC/DS-85/008

F/G 4/2

NL





REGIONAL CLIMATOLOGY BRANCH
AFETAC
U.S. WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NO. 74-83 STATION NAME ATSUJI NAS JAPAN

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-2-100

| VISIBILITY
(FEET) | VISIBILITY IN METERS | | | | | | | | | | | | | | | |
|----------------------|----------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 100 | 18.0 | 19.0 | 19.5 | 20.5 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 |
| 125 | 23.0 | 24.1 | 24.5 | 25.3 | 26.3 | 27.3 | 28.3 | 29.3 | 30.3 | 31.3 | 32.3 | 33.3 | 34.3 | 35.3 | 36.3 | 37.3 |
| 150 | 28.1 | 28.3 | 29.6 | 31.4 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 175 | 28.4 | 28.5 | 29.8 | 31.6 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 |
| 200 | 27.7 | 28.4 | 31.9 | 32.9 | 34.4 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 |
| 225 | 31.0 | 34.0 | 35.9 | 36.4 | 38.2 | 38.9 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| 250 | 34.5 | 37.8 | 40.3 | 42.6 | 44.3 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 275 | 38.0 | 39.4 | 40.9 | 44.3 | 44.8 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| 300 | 36.9 | 40.5 | 43.4 | 46.8 | 47.5 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| 325 | 37.0 | 40.7 | 43.7 | 47.2 | 47.6 | 48.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| 350 | 37.3 | 40.8 | 43.8 | 47.4 | 48.1 | 48.4 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 375 | 38.4 | 41.9 | 45.4 | 49.1 | 49.7 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 400 | 39.3 | 42.8 | 47.1 | 51.4 | 52.2 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| 425 | 41.5 | 45.2 | 49.8 | 54.3 | 55.3 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| 450 | 42.8 | 46.6 | 51.5 | 56.8 | 57.5 | 58.5 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 475 | 43.4 | 49.8 | 55.6 | 62.1 | 63.4 | 64.2 | 65.1 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 500 | 46.9 | 54.5 | 61.2 | 68.2 | 69.9 | 71.0 | 72.3 | 72.7 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| 525 | 52.4 | 58.6 | 66.7 | 74.7 | 77.0 | 78.4 | 80.0 | 80.6 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 550 | 52.4 | 58.6 | 67.0 | 75.0 | 77.2 | 78.6 | 80.2 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| 575 | 54.3 | 60.6 | 69.7 | 78.5 | 81.1 | 82.7 | 84.6 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 600 | 55.3 | 61.7 | 71.4 | 80.8 | 83.4 | 85.5 | 87.8 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 625 | 55.6 | 62.1 | 72.3 | 82.2 | 85.3 | 88.3 | 90.9 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 650 | 55.7 | 62.3 | 72.5 | 82.6 | 85.8 | 88.8 | 91.3 | 92.7 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 675 | 55.7 | 62.3 | 72.5 | 82.8 | 86.0 | 89.3 | 92.4 | 94.3 | 95.6 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 700 | 56.0 | 62.5 | 73.0 | 83.2 | 86.8 | 90.2 | 93.4 | 95.9 | 96.3 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 725 | 56.0 | 62.5 | 73.0 | 83.2 | 86.8 | 90.2 | 93.4 | 96.0 | 97.1 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 750 | 56.0 | 62.5 | 73.1 | 83.3 | 87.0 | 90.4 | 93.5 | 96.6 | 97.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 775 | 56.0 | 62.5 | 73.1 | 83.3 | 87.0 | 90.5 | 94.2 | 97.0 | 98.3 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 800 | 56.0 | 62.5 | 73.1 | 83.3 | 87.0 | 90.7 | 94.3 | 97.1 | 98.4 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 825 | 56.0 | 62.5 | 73.1 | 83.3 | 87.0 | 90.7 | 94.3 | 97.1 | 98.4 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 850 | 56.0 | 62.5 | 73.1 | 83.3 | 87.0 | 90.7 | 94.3 | 97.1 | 98.4 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 800

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-792 ATSUJI NAS JAPAN

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-1750

| | | IN FEET (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 1000 | FEET | 31.6 | 27.1 | 23.2 | 24.5 | 24.6 | 24.3 | 24.6 | 24.8 | 24.8 | 24.4 | 24.5 | 24.5 | 24.8 | 24.8 | 24.8 | 24.8 |
| 900 | FEET | 31.6 | 33.5 | 35.8 | 37.4 | 37.5 | 37.8 | 37.9 | 37.8 | 37.9 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 |
| 800 | FEET | 31.6 | 33.5 | 35.8 | 37.4 | 37.5 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 |
| 700 | FEET | 31.6 | 33.5 | 35.8 | 37.4 | 37.5 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 |
| 600 | FEET | 37.4 | 39.9 | 43.2 | 45.0 | 45.3 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 500 | FEET | 39.9 | 42.8 | 46.6 | 49.3 | 49.6 | 49.9 | 49.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| 400 | FEET | 40.4 | 43.4 | 47.4 | 49.8 | 50.2 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| 300 | FEET | 42.1 | 45.3 | 49.9 | 52.6 | 53.2 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| 200 | FEET | 42.2 | 45.4 | 50.1 | 52.7 | 53.3 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 100 | FEET | 42.7 | 45.9 | 50.6 | 53.3 | 53.9 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| 50 | FEET | 43.4 | 46.7 | 52.0 | 55.2 | 56.0 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| 25 | FEET | 44.7 | 48.2 | 53.7 | 57.2 | 58.2 | 58.5 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| 10 | FEET | 47.2 | 51.1 | 57.4 | 61.8 | 63.0 | 63.9 | 64.5 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| 5 | FEET | 48.3 | 52.3 | 59.0 | 63.9 | 65.4 | 66.1 | 66.9 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 2 | FEET | 51.3 | 55.6 | 63.0 | 69.4 | 69.9 | 70.9 | 71.8 | 72.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 1 | FEET | 53.5 | 58.1 | 65.9 | 71.8 | 73.7 | 75.0 | 76.1 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 0.5 | FEET | 57.0 | 61.7 | 70.1 | 76.6 | 78.6 | 80.2 | 81.6 | 82.3 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 0.25 | FEET | 57.3 | 62.0 | 70.4 | 77.0 | 78.9 | 80.6 | 81.9 | 82.7 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 0.1 | FEET | 59.6 | 64.2 | 73.5 | 81.0 | 83.0 | 85.3 | 86.6 | 87.5 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 0.05 | FEET | 60.0 | 64.7 | 74.2 | 82.5 | 85.0 | 87.6 | 89.4 | 90.7 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 0.025 | FEET | 60.3 | 65.0 | 74.7 | 83.4 | 86.0 | 88.9 | 91.1 | 92.6 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 0.01 | FEET | 60.4 | 65.3 | 75.0 | 83.6 | 86.3 | 89.2 | 91.5 | 93.1 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 0.005 | FEET | 60.4 | 65.3 | 75.0 | 83.6 | 86.4 | 89.4 | 92.0 | 94.2 | 95.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 0.0025 | FEET | 60.6 | 65.4 | 75.2 | 84.2 | 87.3 | 90.4 | 93.0 | 95.4 | 96.4 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| 0.001 | FEET | 60.7 | 65.5 | 75.3 | 84.4 | 87.4 | 90.5 | 93.2 | 95.6 | 96.6 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| 0.0005 | FEET | 60.7 | 65.5 | 75.3 | 84.4 | 87.4 | 90.7 | 93.4 | 95.9 | 97.0 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| 0.00025 | FEET | 60.7 | 65.5 | 75.3 | 84.4 | 87.4 | 90.7 | 93.5 | 96.2 | 97.4 | 99.1 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0.0001 | FEET | 60.7 | 65.5 | 75.3 | 84.4 | 87.4 | 90.7 | 93.6 | 96.3 | 97.5 | 99.2 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00005 | FEET | 60.7 | 65.5 | 75.3 | 84.4 | 87.4 | 90.7 | 93.6 | 96.3 | 97.5 | 99.2 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47-790 ATSUJI JAPAN

74-83

44

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

44-222

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 0-100 | 21.3 | 20.6 | 21.9 | 23.4 | 24.1 | 24.6 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 |
| 101-200 | 25.4 | 27.0 | 28.6 | 30.8 | 32.1 | 33.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| 201-300 | 26.4 | 27.0 | 28.8 | 30.8 | 32.1 | 33.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| 301-400 | 26.4 | 27.0 | 28.8 | 30.8 | 32.1 | 33.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| 401-500 | 27.4 | 28.0 | 30.1 | 32.2 | 33.5 | 34.7 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| 501-600 | 32.1 | 33.0 | 35.7 | 37.9 | 39.2 | 40.6 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| 601-700 | 37.1 | 38.5 | 41.3 | 43.8 | 45.5 | 47.7 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| 701-800 | 37.1 | 38.5 | 41.3 | 43.8 | 45.5 | 47.7 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| 801-900 | 40.2 | 42.2 | 45.2 | 48.0 | 50.3 | 52.7 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 901-1000 | 41.2 | 43.2 | 46.2 | 49.0 | 51.3 | 53.7 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| 1001-1100 | 42.3 | 44.7 | 47.7 | 50.6 | 53.0 | 55.4 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| 1101-1200 | 44.0 | 46.0 | 49.3 | 52.3 | 55.0 | 57.5 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| 1201-1300 | 45.3 | 47.6 | 51.7 | 55.4 | 58.2 | 61.1 | 62.6 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| 1301-1400 | 47.0 | 49.7 | 54.8 | 59.4 | 62.6 | 66.3 | 68.3 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 1401-1500 | 49.3 | 52.1 | 57.7 | 62.8 | 66.2 | 70.0 | 72.3 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| 1501-1600 | 52.3 | 55.3 | 61.1 | 66.6 | 70.0 | 74.4 | 76.8 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 1601-1700 | 54.3 | 57.5 | 63.4 | 69.6 | 73.0 | 77.6 | 80.3 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 1701-1800 | 55.5 | 58.9 | 65.3 | 72.3 | 75.9 | 81.0 | 84.1 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| 1801-1900 | 55.7 | 59.1 | 65.5 | 72.4 | 76.0 | 81.1 | 84.2 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 1901-2000 | 56.3 | 60.1 | 67.0 | 74.4 | 78.1 | 83.8 | 86.9 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| 2001-2100 | 56.5 | 60.5 | 67.6 | 75.6 | 79.8 | 85.9 | 89.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 2101-2200 | 57.0 | 60.9 | 68.6 | 76.7 | 81.8 | 88.9 | 93.3 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 2201-2300 | 57.0 | 60.9 | 68.6 | 76.8 | 82.0 | 89.1 | 93.6 | 95.3 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 2301-2400 | 57.0 | 60.9 | 68.8 | 77.4 | 82.7 | 89.9 | 94.5 | 96.3 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 2401-2500 | 57.0 | 61.1 | 68.9 | 77.8 | 83.2 | 90.8 | 95.5 | 97.4 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 2501-2600 | 57.0 | 61.1 | 68.9 | 78.1 | 83.5 | 91.1 | 96.0 | 98.0 | 98.6 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 2601-2700 | 57.0 | 61.1 | 68.9 | 78.1 | 83.5 | 91.2 | 96.2 | 98.2 | 98.7 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 2701-2800 | 57.1 | 61.2 | 69.0 | 78.3 | 83.7 | 91.3 | 96.3 | 98.3 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 2801-2900 | 57.1 | 61.2 | 69.0 | 78.3 | 83.7 | 91.3 | 96.3 | 98.3 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 2901-3000 | 57.1 | 61.2 | 69.0 | 78.3 | 83.7 | 91.3 | 96.3 | 98.3 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
JAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

77-790 ATSUBI NAF JAPAN

77-83

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20.4 | 20.5 | 31.7 | 33.4 | 34.5 | 34.8 | 35.3 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| 29.5 | 31.7 | 34.3 | 35.5 | 37.2 | 38.1 | 39.5 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| 29.5 | 31.7 | 34.3 | 35.5 | 37.2 | 38.1 | 39.5 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| 30.2 | 30.3 | 35.0 | 37.1 | 38.1 | 38.3 | 40.1 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 |
| 34.7 | 37.5 | 40.3 | 41.1 | 44.2 | 44.9 | 46.3 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| 38.1 | 40.3 | 45.3 | 49.9 | 51.7 | 53.4 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| 38.1 | 42.5 | 46.0 | 52.1 | 52.1 | 53.7 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| 40.6 | 44.5 | 49.3 | 54.1 | 56.2 | 58.5 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| 41.8 | 45.9 | 50.9 | 55.2 | 57.4 | 59.7 | 61.4 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| 41.8 | 46.1 | 51.1 | 55.6 | 57.9 | 60.2 | 61.9 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| 42.1 | 46.7 | 51.7 | 56.4 | 58.9 | 61.2 | 62.9 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| 44.8 | 47.5 | 53.4 | 57.4 | 63.0 | 65.3 | 67.5 | 67.8 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 45.6 | 51.1 | 57.7 | 61.9 | 65.2 | 68.2 | 70.6 | 71.5 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| 46.9 | 52.4 | 59.5 | 65.2 | 66.2 | 71.8 | 74.6 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| 48.1 | 53.6 | 61.7 | 65.7 | 71.6 | 75.3 | 78.1 | 78.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 50.1 | 55.0 | 65.2 | 72.6 | 75.5 | 79.4 | 82.3 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 51.1 | 57.2 | 67.2 | 75.3 | 76.2 | 82.3 | 85.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 51.1 | 57.2 | 67.2 | 75.5 | 78.4 | 82.4 | 85.2 | 85.6 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 51.4 | 57.9 | 68.2 | 77.1 | 80.1 | 84.1 | 87.4 | 87.7 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 51.9 | 58.9 | 69.7 | 78.9 | 82.4 | 86.7 | 90.0 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 52.4 | 59.5 | 70.8 | 80.4 | 84.2 | 88.9 | 92.2 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 52.4 | 59.5 | 70.8 | 80.4 | 84.2 | 88.9 | 92.7 | 93.7 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 52.9 | 60.4 | 72.0 | 81.6 | 85.7 | 90.7 | 94.7 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 53.1 | 60.5 | 72.3 | 81.9 | 86.1 | 91.4 | 95.4 | 96.7 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 53.1 | 60.7 | 72.5 | 82.1 | 86.6 | 92.0 | 96.0 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 53.2 | 60.7 | 73.1 | 82.8 | 87.2 | 92.7 | 96.8 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 53.2 | 60.7 | 73.1 | 83.1 | 87.2 | 92.7 | 96.8 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 53.2 | 60.7 | 73.1 | 83.1 | 87.7 | 93.2 | 97.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 53.2 | 60.7 | 73.1 | 83.1 | 87.7 | 93.2 | 97.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 53.2 | 60.7 | 73.1 | 83.1 | 87.7 | 93.2 | 97.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

47672 ATOLUT LAC JAPAN

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-000

| | | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----|------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 100 | 21.6 | 21.7 | 26.6 | 31.0 | 31.8 | 31.9 | 33.7 | 34.4 | 34.8 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| 90 | 22.8 | 26.1 | 27.2 | 35.2 | 35.7 | 36.5 | 36.8 | 39.3 | 39.3 | 39.3 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| 80 | 23.9 | 26.1 | 30.2 | 35.7 | 35.7 | 36.5 | 36.5 | 39.3 | 39.3 | 39.3 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| 70 | 23.9 | 26.1 | 30.2 | 35.7 | 35.7 | 36.5 | 36.5 | 39.3 | 39.3 | 39.3 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 |
| 60 | 24.0 | 26.6 | 31.0 | 35.9 | 36.6 | 37.4 | 39.3 | 40.2 | 40.2 | 40.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 50 | 26.0 | 29.1 | 33.9 | 39.4 | 40.2 | 41.6 | 43.9 | 44.9 | 45.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| 40 | 28.8 | 37.2 | 38.9 | 45.6 | 46.9 | 48.5 | 51.3 | 52.6 | 53.1 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| 30 | 30.5 | 33.3 | 39.6 | 45.4 | 47.0 | 49.3 | 52.1 | 53.4 | 53.8 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 20 | 30.4 | 34.1 | 42.9 | 48.9 | 51.3 | 52.5 | 56.5 | 57.7 | 58.3 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| 10 | 30.9 | 36.6 | 43.4 | 50.4 | 52.0 | 54.0 | 57.2 | 58.3 | 58.8 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| 0 | 33.4 | 37.1 | 44.0 | 51.2 | 52.6 | 54.6 | 57.7 | 59.2 | 59.7 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 90 | 33.4 | 37.6 | 44.6 | 52.2 | 53.4 | 55.8 | 58.8 | 60.2 | 60.7 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| 80 | 34.7 | 39.7 | 46.1 | 54.2 | 55.7 | 57.9 | 61.1 | 62.6 | 63.1 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 70 | 36.6 | 41.0 | 49.7 | 58.1 | 59.1 | 62.2 | 65.4 | 67.3 | 67.8 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| 60 | 37.5 | 42.3 | 51.1 | 59.9 | 62.5 | 65.0 | 68.6 | 70.4 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 50 | 38.9 | 44.2 | 53.5 | 63.4 | 66.7 | 69.1 | 73.2 | 75.0 | 75.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 40 | 39.4 | 45.1 | 55.2 | 65.2 | 68.8 | 71.3 | 75.5 | 77.3 | 78.1 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 30 | 40.7 | 46.6 | 57.5 | 67.9 | 71.9 | 74.4 | 78.7 | 80.5 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 20 | 40.7 | 46.6 | 57.5 | 67.9 | 71.9 | 74.4 | 78.7 | 80.5 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 10 | 41.7 | 48.0 | 59.4 | 70.6 | 74.5 | 78.2 | 83.0 | 84.9 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 0 | 41.9 | 48.5 | 60.2 | 72.1 | 76.3 | 79.9 | 85.4 | 87.5 | 89.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 90 | 42.9 | 49.9 | 62.5 | 74.9 | 79.5 | 83.4 | 89.0 | 91.4 | 93.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 80 | 43.0 | 50.2 | 63.1 | 75.9 | 80.2 | 85.2 | 91.2 | 93.7 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 70 | 43.0 | 50.3 | 63.3 | 76.3 | 81.6 | 85.9 | 91.9 | 94.6 | 96.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 60 | 43.3 | 50.7 | 63.8 | 76.8 | 82.0 | 86.4 | 92.0 | 95.4 | 97.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 50 | 43.3 | 50.7 | 64.0 | 77.2 | 82.7 | 86.9 | 93.1 | 96.2 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 40 | 43.3 | 50.7 | 64.0 | 77.2 | 82.8 | 87.1 | 93.2 | 96.3 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 30 | 43.3 | 50.7 | 64.3 | 77.6 | 83.4 | 87.6 | 93.7 | 96.8 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20 | 43.3 | 50.7 | 64.3 | 77.6 | 83.4 | 87.6 | 93.7 | 96.8 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10 | 43.3 | 50.7 | 64.3 | 77.6 | 83.4 | 87.6 | 93.7 | 96.8 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 43.3 | 50.7 | 64.3 | 77.6 | 83.4 | 87.6 | 93.7 | 96.8 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 74

CEILING VERSUS VISIBILITY

74-52

— — — — —

TOTAL NUMBER OF OBSERVATIONS 21

LOCAL CLIMATOLOGY BRANCH
CAPITAC
WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION AIRPORT NAS JAPAN

76-87

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| WINDSPEED (KNOTS) | | | | | | | | | | | | | | | |
|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 |
| 20.0 | 34.1 | 27.6 | 24.5 | 30.0 | 37.7 | 31.0 | 31.0 | 41.0 | 31.4 | 31.4 | 31.5 | 31.5 | 31.6 | 31.6 | 31.6 |
| 22.0 | 26.6 | 31.2 | 34.1 | 34.5 | 36.7 | 35.8 | 37.1 | 37.1 | 37.1 | 37.1 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 |
| 24.0 | 28.6 | 31.3 | 34.6 | 35.1 | 36.4 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| 26.0 | 26.8 | 31.3 | 34.6 | 35.1 | 36.4 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| 28.0 | 27.4 | 32.0 | 35.0 | 36.0 | 37.0 | 38.2 | 38.7 | 38.7 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 30.0 | 31.0 | 37.0 | 41.0 | 41.0 | 43.1 | 44.2 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 32.0 | 41.4 | 47.3 | 52.7 | 53.0 | 54.9 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| 34.0 | 41.4 | 48.0 | 52.4 | 53.3 | 55.4 | 56.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 36.0 | 47.5 | 53.0 | 57.1 | 61.2 | 63.6 | 64.8 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| 38.0 | 48.2 | 56.6 | 61.2 | 62.4 | 64.6 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 40.0 | 49.2 | 57.2 | 61.6 | 62.8 | 65.3 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| 42.0 | 51.4 | 58.4 | 63.1 | 64.3 | 67.4 | 68.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 44.0 | 52.4 | 58.9 | 64.4 | 66.7 | 69.9 | 71.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| 46.0 | 54.4 | 58.0 | 71.2 | 74.4 | 77.7 | 82.0 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 48.0 | 57.7 | 63.1 | 74.7 | 76.0 | 81.1 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 50.0 | 58.3 | 67.3 | 79.2 | 79.4 | 87.0 | 86.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 52.0 | 59.7 | 69.0 | 79.8 | 79.1 | 84.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 54.0 | 59.3 | 70.4 | 84.4 | 80.4 | 85.0 | 86.0 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 56.0 | 59.3 | 70.4 | 84.4 | 80.4 | 85.0 | 86.0 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 58.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 60.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 62.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 64.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 66.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 68.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 70.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 72.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 74.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 76.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 78.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 80.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 82.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 84.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 86.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 88.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 90.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 92.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 94.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 96.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 98.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 100.0 | 61.0 | 71.0 | 84.0 | 81.0 | 87.7 | 90.7 | 91.0 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |

TOTAL NUMBER OF OBSERVATIONS 522

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

74780 ATSUJI, JAW JAPAN

74-37

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 30.3 | 31.6 | 23.3 | 25.7 | 25.3 | 26.7 | 26.8 | 24.8 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| 900 | 24.5 | 26.1 | 24.2 | 32.3 | 32.2 | 31.7 | 32.3 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 |
| 800 | 24.6 | 26.7 | 28.4 | 31.5 | 31.3 | 31.9 | 32.3 | 32.5 | 32.3 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 |
| 700 | 24.7 | 26.3 | 28.4 | 25.6 | 21.1 | 32.2 | 32.5 | 32.6 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| 600 | 25.7 | 27.4 | 29.3 | 32.7 | 32.6 | 33.5 | 33.9 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| 500 | 32.3 | 32.3 | 32.4 | 32.2 | 36.5 | 32.3 | 32.4 | 42.6 | 43.2 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| 400 | 33.3 | 37.5 | 41.6 | 44.9 | 45.7 | 46.7 | 46.7 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| 300 | 32.6 | 39.2 | 42.4 | 45.7 | 46.5 | 47.7 | 48.3 | 48.5 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| 200 | 36.3 | 41.3 | 45.3 | 49.7 | 50.7 | 52.7 | 52.6 | 52.9 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 100 | 38.4 | 41.5 | 46.2 | 50.4 | 51.2 | 52.6 | 53.3 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 50 | 39.1 | 42.2 | 47.4 | 51.2 | 52.2 | 53.5 | 54.2 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 25 | 40.7 | 44.7 | 49.8 | 54.1 | 55.2 | 56.5 | 57.4 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| 10 | 42.2 | 46.5 | 52.5 | 57.9 | 59.2 | 60.7 | 61.7 | 62.1 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 5 | 46.3 | 52.9 | 58.6 | 64.7 | 66.4 | 68.1 | 69.3 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 2 | 47.3 | 52.7 | 60.9 | 67.5 | 69.2 | 71.7 | 72.4 | 72.9 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| 1 | 50.1 | 55.3 | 64.1 | 71.3 | 73.3 | 75.4 | 76.2 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 0 | 51.6 | 57.3 | 66.5 | 74.3 | 76.1 | 78.4 | 80.2 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| | 52.3 | 59.1 | 68.7 | 78.6 | 78.9 | 81.4 | 83.4 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| | 53.5 | 59.2 | 68.8 | 76.7 | 79.0 | 81.5 | 83.5 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| | 55.2 | 60.0 | 70.1 | 75.7 | 81.5 | 84.3 | 84.6 | 87.5 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| | 56.2 | 60.7 | 71.7 | 80.1 | 83.1 | 86.7 | 89.2 | 90.3 | 90.5 | 90.9 | 91.9 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| | 54.4 | 67.7 | 71.6 | 81.6 | 85.1 | 86.7 | 92.3 | 93.7 | 94.4 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| | 54.4 | 67.7 | 71.7 | 81.9 | 85.2 | 89.1 | 92.6 | 94.0 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| | 54.5 | 68.2 | 72.5 | 82.5 | 86.1 | 90.4 | 94.4 | 96.1 | 97.1 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | 54.6 | 61.7 | 72.2 | 82.7 | 86.4 | 90.7 | 94.5 | 96.5 | 97.5 | 98.7 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 54.6 | 61.1 | 72.4 | 83.2 | 86.7 | 91.3 | 95.4 | 97.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| | 54.6 | 61.1 | 72.4 | 83.1 | 86.9 | 91.5 | 95.7 | 97.6 | 98.7 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | 54.6 | 61.1 | 72.4 | 83.2 | 86.2 | 91.5 | 95.8 | 97.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 54.6 | 61.1 | 72.4 | 83.2 | 87.0 | 91.6 | 95.9 | 97.9 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 54.6 | 61.1 | 72.4 | 83.2 | 87.0 | 91.6 | 95.9 | 97.9 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 54.6 | 61.1 | 72.4 | 83.2 | 87.0 | 91.6 | 95.9 | 97.9 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 5435

LOCAL CLIMATOLOGY BRANCH
 METEOR
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70790 ATSUJI JAP

74-13

663

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1-12-1966

| | | VISIBILITY STATEMENTS | | | | | | | | | | | | | | | |
|------|------|-----------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 10.0 | 24.3 | 25.3 | 26.8 | 27.2 | 28.7 | 29.1 | 30.2 | 31.2 | 32.2 | 33.2 | 34.2 | 35.2 | 36.2 | 37.2 | 38.2 | 39.2 | 40.2 |
| 11.0 | 25.7 | 29.3 | 31.4 | 31.6 | 33.2 | 33.3 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 |
| 12.0 | 28.2 | 29.9 | 31.5 | 32.1 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 |
| 13.0 | 28.4 | 32.1 | 31.7 | 32.3 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| 14.0 | 29.4 | 31.7 | 33.3 | 34.0 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 |
| 15.0 | 30.7 | 37.6 | 35.7 | 40.6 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 16.0 | 39.4 | 43.2 | 46.0 | 47.4 | 48.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| 17.0 | 35.9 | 43.7 | 46.6 | 47.9 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| 18.0 | 43.3 | 43.3 | 47.7 | 50.8 | 52.4 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 19.0 | 43.9 | 42.3 | 51.4 | 53.3 | 54.6 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| 20.0 | 44.1 | 45.6 | 51.7 | 53.3 | 54.9 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| 21.0 | 46.6 | 51.3 | 55.5 | 57.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 22.0 | 49.3 | 55.4 | 57.2 | 62.5 | 64.3 | 65.3 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| 23.0 | 52.8 | 59.7 | 55.6 | 58.3 | 70.2 | 71.6 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| 24.0 | 55.1 | 63.5 | 70.1 | 72.9 | 75.2 | 75.9 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| 25.0 | 57.7 | 62.2 | 72.5 | 75.7 | 78.2 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| 26.0 | 59.7 | 67.3 | 75.2 | 78.2 | 80.7 | 82.9 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| 27.0 | 60.2 | 62.4 | 77.3 | 80.2 | 83.3 | 85.3 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 28.0 | 60.2 | 69.5 | 77.1 | 80.3 | 83.1 | 85.4 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 29.0 | 60.7 | 70.3 | 78.0 | 81.0 | 84.8 | 87.7 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 30.0 | 61.9 | 73.6 | 79.1 | 82.9 | 86.6 | 90.0 | 91.2 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 31.0 | 61.3 | 71.1 | 79.2 | 83.9 | 87.9 | 91.7 | 92.9 | 93.8 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 32.0 | 61.3 | 71.4 | 81.1 | 84.1 | 88.3 | 92.4 | 93.3 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 33.0 | 61.4 | 71.5 | 80.3 | 84.4 | 88.7 | 93.7 | 95.6 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 34.0 | 61.4 | 71.8 | 80.7 | 84.7 | 89.1 | 94.0 | 96.1 | 97.6 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 35.0 | 61.5 | 72.1 | 81.1 | 85.2 | 89.5 | 94.7 | 96.8 | 98.4 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 36.0 | 61.5 | 72.1 | 81.1 | 85.2 | 89.7 | 95.1 | 97.1 | 98.7 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 37.0 | 61.6 | 72.2 | 81.5 | 85.5 | 90.0 | 95.4 | 97.5 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 38.0 | 61.6 | 72.2 | 81.5 | 85.5 | 90.0 | 95.4 | 97.5 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 39.0 | 61.6 | 72.2 | 81.5 | 85.5 | 90.0 | 95.4 | 97.5 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATE LOG BY BRANCH
 DATE
 STATION NO. 10-101000

CEILING VERSUS VISIBILITY

STATION NO. 10-101000

74-53

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

10-101000

USAF FORM 10-101000

| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 21.1 | 21.1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 |
| 22.2 | 22.2 | 31.2 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| 22.4 | 32.6 | 31.5 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 |
| 22.7 | 32.3 | 31.7 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 31.1 | 32.4 | 33.4 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| 32.2 | 37.2 | 33.7 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 32.6 | 41.5 | 43.3 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 32.9 | 41.3 | 44.2 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 41.5 | 43.4 | 47.0 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 42.2 | 44.2 | 47.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| 43.1 | 45.3 | 49.1 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| 44.7 | 47.1 | 51.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 46.7 | 49.4 | 54.2 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| 50.1 | 53.6 | 59.2 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 51.6 | 55.4 | 61.6 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 54.9 | 59.3 | 66.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 56.9 | 63.4 | 70.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 62.1 | 67.1 | 75.2 | 79.7 | 80.7 | 82.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 62.1 | 67.2 | 75.4 | 79.9 | 81.1 | 82.8 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 63.5 | 69.0 | 78.0 | 83.1 | 84.4 | 86.5 | 87.1 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 64.3 | 69.8 | 79.1 | 85.1 | 86.5 | 89.0 | 89.9 | 90.2 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 64.6 | 71.2 | 80.0 | 86.9 | 88.9 | 91.6 | 93.1 | 93.8 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 64.7 | 72.3 | 80.7 | 88.2 | 90.6 | 93.4 | 94.9 | 95.6 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 64.9 | 72.7 | 81.0 | 88.7 | 91.0 | 94.0 | 95.7 | 96.4 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 65.1 | 73.0 | 81.6 | 89.4 | 92.0 | 95.3 | 97.0 | 97.9 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 65.1 | 73.8 | 81.6 | 89.6 | 92.2 | 95.5 | 97.3 | 98.4 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 65.1 | 73.8 | 81.6 | 89.6 | 92.2 | 95.5 | 97.3 | 98.4 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 65.1 | 73.8 | 81.6 | 89.6 | 92.2 | 95.5 | 97.3 | 98.4 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY - WARCH
 1950-1979
 WEATHER SERVICE/HAZ

CEILING VERSUS VISIBILITY

107700 ALOU LA JAPAN

77-32

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| CEILING
FEET | VISIBILITY STATISTICAL | | | | | | | | | | | | | | | |
|-----------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 1000 | 31.0 | 30.0 | 24.7 | 25.0 | 25.4 | 27.5 | 26.2 | 29.2 | 28.0 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 |
| 900 | 25.7 | 25.8 | 27.7 | 22.4 | 22.7 | 22.2 | 21.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| 800 | 20.7 | 25.9 | 27.7 | 29.4 | 29.7 | 30.9 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| 700 | 22.7 | 25.9 | 27.7 | 29.4 | 29.7 | 30.9 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| 600 | 23.9 | 26.7 | 28.0 | 29.7 | 30.1 | 31.2 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 |
| 500 | 29.4 | 32.4 | 32.1 | 37.1 | 37.4 | 38.9 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| 400 | 28.4 | 32.9 | 44.2 | 46.6 | 46.9 | 48.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| 300 | 37.2 | 41.7 | 45.1 | 47.4 | 47.7 | 49.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| 200 | 40.7 | 40.6 | 50.1 | 53.1 | 53.4 | 55.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| 100 | 40.9 | 45.7 | 50.3 | 53.6 | 53.9 | 55.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 0 | 41.7 | 46.6 | 51.1 | 54.4 | 54.9 | 56.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| 9000 | 44.4 | 47.2 | 51.2 | 55.6 | 56.3 | 58.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| 8000 | 44.7 | 49.9 | 54.9 | 54.9 | 50.6 | 62.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| 7000 | 49.7 | 55.6 | 63.9 | 69.6 | 70.3 | 72.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| 6000 | 50.6 | 57.4 | 65.4 | 71.8 | 72.5 | 74.2 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 5000 | 52.8 | 59.2 | 67.2 | 75.3 | 76.2 | 78.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 4000 | 53.4 | 61.1 | 69.3 | 76.6 | 78.1 | 80.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| 3000 | 54.2 | 62.6 | 71.5 | 78.6 | 80.1 | 82.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 2000 | 54.3 | 67.6 | 71.5 | 79.6 | 80.1 | 82.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 1000 | 59.1 | 63.4 | 72.2 | 81.6 | 83.3 | 86.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 0 | 55.1 | 63.4 | 73.6 | 83.8 | 86.6 | 90.0 | 93.0 | 93.2 | 93.2 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 9000 | 59.4 | 63.2 | 74.9 | 85.1 | 88.0 | 91.9 | 95.5 | 96.2 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 8000 | 55.4 | 63.8 | 74.6 | 85.1 | 88.0 | 91.8 | 95.5 | 96.2 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 7000 | 52.6 | 64.1 | 75.0 | 85.6 | 88.5 | 92.3 | 96.8 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 6000 | 55.6 | 64.1 | 75.0 | 85.8 | 88.5 | 92.5 | 97.2 | 97.8 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 5000 | 59.6 | 64.1 | 75.0 | 86.0 | 88.5 | 92.7 | 97.5 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 4000 | 55.6 | 64.1 | 75.0 | 86.1 | 89.0 | 92.8 | 97.7 | 98.3 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 3000 | 55.6 | 64.1 | 75.0 | 86.1 | 89.0 | 92.8 | 97.7 | 98.3 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 2000 | 55.6 | 64.1 | 75.0 | 86.1 | 89.0 | 92.8 | 97.7 | 98.3 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 1000 | 55.6 | 64.1 | 75.0 | 86.1 | 89.0 | 92.8 | 97.7 | 98.3 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 55.6 | 64.1 | 75.0 | 86.1 | 89.0 | 92.8 | 97.7 | 98.3 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7477 ATSUJI NAT JAPAN
STATION NAME

74-57

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING
FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|-------|-------|------|-------|------|------|------|------|-------|-------|-------|-------|-------|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 |
| 100 | 25.1 | 24.9 | 25.3 | 30.5 | 31.2 | 31.7 | 32.1 | 32.3 | 32.5 | 32.4 | 32.5 | 32.7 | 31.5 | 31.7 | 32.7 | 32.7 |
| 120 | 29.1 | 31.5 | 32.5 | 35.7 | 39.5 | 40.1 | 40.2 | 41.2 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| 140 | 29.2 | 31.5 | 35.5 | 36.7 | 39.5 | 40.1 | 40.3 | 41.1 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| 160 | 29.2 | 31.5 | 35.7 | 39.8 | 39.5 | 40.2 | 40.9 | 41.2 | 41.3 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 180 | 30.4 | 33.0 | 37.3 | 40.6 | 41.5 | 42.1 | 42.8 | 43.1 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| 200 | 32.4 | 36.2 | 40.9 | 44.5 | 45.7 | 46.4 | 47.4 | 47.5 | 47.8 | 47.5 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| 220 | 32.4 | 39.7 | 45.3 | 49.7 | 51.0 | 52.1 | 53.2 | 53.5 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| 240 | 32.7 | 40.0 | 45.7 | 50.2 | 51.0 | 52.6 | 53.7 | 54.0 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 260 | 32.5 | 42.2 | 48.5 | 53.4 | 54.9 | 56.3 | 57.5 | 57.8 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| 280 | 32.9 | 42.6 | 48.9 | 53.8 | 55.3 | 56.7 | 58.0 | 58.3 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| 300 | 39.3 | 43.1 | 49.6 | 54.7 | 56.2 | 57.7 | 59.0 | 59.3 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 320 | 40.6 | 44.6 | 51.3 | 56.7 | 58.4 | 60.7 | 61.3 | 61.6 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| 340 | 40.1 | 46.3 | 53.3 | 59.4 | 61.2 | 60.8 | 64.3 | 64.7 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 360 | 43.7 | 48.0 | 55.7 | 62.4 | 64.3 | 66.2 | 67.2 | 68.2 | 68.2 | 68.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| 380 | 44.6 | 49.3 | 57.1 | 64.2 | 66.5 | 69.5 | 70.3 | 70.8 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 400 | 46.8 | 51.5 | 60.1 | 68.1 | 70.0 | 72.9 | 74.5 | 75.3 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 420 | 45.5 | 53.5 | 62.9 | 71.4 | 74.1 | 76.5 | 78.6 | 79.1 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 440 | 50.0 | 56.1 | 66.2 | 75.3 | 78.3 | 81.2 | 83.1 | 83.7 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 460 | 50.9 | 56.2 | 66.3 | 75.4 | 78.4 | 81.2 | 83.3 | 83.9 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 480 | 52.7 | 58.3 | 69.0 | 78.7 | 82.1 | 85.0 | 87.5 | 88.2 | 88.5 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 500 | 53.3 | 59.1 | 70.2 | 80.5 | 84.1 | 87.4 | 90.0 | 90.9 | 91.5 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| 520 | 54.2 | 60.0 | 71.4 | 82.2 | 86.0 | 89.6 | 92.5 | 93.6 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 540 | 54.0 | 60.0 | 71.4 | 82.2 | 86.1 | 89.7 | 92.6 | 93.7 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 560 | 54.2 | 60.4 | 72.3 | 83.1 | 87.1 | 90.9 | 94.0 | 95.3 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 580 | 54.3 | 60.5 | 72.1 | 83.4 | 87.5 | 91.4 | 94.5 | 95.9 | 96.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 600 | 54.4 | 60.5 | 72.4 | 83.7 | 88.0 | 92.1 | 95.3 | 96.9 | 97.7 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 620 | 54.6 | 61.2 | 72.7 | 84.1 | 88.4 | 92.6 | 96.0 | 97.6 | 98.5 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| 640 | 54.6 | 60.8 | 72.7 | 84.3 | 88.6 | 92.9 | 96.2 | 97.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 660 | 54.6 | 60.8 | 72.8 | 84.5 | 88.9 | 93.2 | 96.6 | 98.3 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 680 | 54.6 | 60.8 | 72.8 | 84.5 | 88.9 | 93.2 | 96.6 | 98.3 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 54.6 | 60.8 | 72.8 | 84.5 | 88.9 | 93.2 | 96.6 | 98.3 | 99.2 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 555

CEILING VERSUS VISIBILITY

74-53

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 528

USAF ETAC 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE METEOROLOGICAL BRANCH
 15 JULY 1960
 METEOROLOGICAL SERVICE BRANCH

CEILING VERSUS VISIBILITY

STATION: 76-03 STATION NAME: 76-03
 PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 27.5 | 29.1 | 33.3 | 35.1 | 35.9 | 35.9 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| 32.6 | 32.6 | 37.6 | 37.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| 37.6 | 37.6 | 37.6 | 37.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

76-28

— — — — —

TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

74 - 2 -

34

— 112 —

TOTAL NUMBER OF OBSERVATIONS 7

USAF 51A 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. METEOROLOGICAL STATION
2. DATE
3. TIME OF SERVICE, ZONE

CEILING VERSUS VISIBILITY

1. STATION NAME, COUNTRY

2. DATE

3. YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1. 1950-1951

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 41.7 | 41.7 | 43.1 | 43.6 | 43.9 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.4 | 43.9 | 43.3 | 43.3 | 43.3 |
| 44.2 | 47.8 | 50.2 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 44.5 | 47.9 | 50.3 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 44.6 | 47.9 | 50.2 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 45.7 | 49.2 | 51.9 | 52.3 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| 47.6 | 51.2 | 54.7 | 56.3 | 56.8 | 56.9 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 47.8 | 54.4 | 56.2 | 57.5 | 61.1 | 61.7 | 62.4 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| 47.9 | 54.6 | 56.4 | 57.8 | 61.2 | 61.2 | 62.2 | 62.4 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 52.2 | 57.3 | 61.9 | 65.1 | 65.6 | 66.5 | 67.3 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| 54.3 | 58.2 | 62.9 | 65.1 | 66.9 | 67.3 | 68.2 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| 4.0 | 59.8 | 63.3 | 67.4 | 69.3 | 70.0 | 70.8 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| 56.5 | 60.3 | 63.0 | 71.1 | 72.7 | 73.6 | 74.3 | 74.3 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| 6.4 | 64.4 | 71.0 | 75.0 | 76.4 | 77.3 | 78.1 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| 66.2 | 66.3 | 74.2 | 75.7 | 80.4 | 81.7 | 82.9 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 71.0 | 68.1 | 76.4 | 81.0 | 83.5 | 85.1 | 86.4 | 86.8 | 87.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 72.2 | 69.6 | 79.6 | 81.1 | 86.2 | 88.2 | 90.4 | 91.1 | 91.2 | 91.4 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 |
| 62.8 | 70.7 | 79.2 | 84.3 | 87.7 | 90.3 | 91.7 | 92.6 | 93.2 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 62.2 | 70.7 | 79.7 | 87.2 | 88.7 | 91.2 | 92.6 | 93.4 | 93.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 65.2 | 70.7 | 79.7 | 87.0 | 88.7 | 91.7 | 92.6 | 93.4 | 93.6 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 66.6 | 71.0 | 80.1 | 87.8 | 89.2 | 92.1 | 93.6 | 94.4 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 63.6 | 71.0 | 80.1 | 88.5 | 90.3 | 93.6 | 95.5 | 96.5 | 97.0 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 63.6 | 71.0 | 80.1 | 88.8 | 90.3 | 94.0 | 96.2 | 97.5 | 98.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 63.6 | 71.0 | 80.1 | 88.3 | 92.3 | 94.2 | 96.6 | 97.2 | 98.6 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 63.6 | 71.0 | 80.1 | 88.9 | 90.9 | 94.3 | 96.7 | 98.0 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 63.6 | 71.0 | 80.1 | 88.9 | 90.2 | 94.3 | 96.7 | 98.0 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 63.6 | 71.0 | 80.3 | 89.0 | 91.0 | 94.4 | 96.8 | 98.1 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 63.6 | 71.0 | 80.3 | 89.0 | 91.0 | 94.4 | 96.8 | 98.1 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 63.6 | 71.0 | 80.3 | 89.0 | 91.0 | 94.4 | 96.8 | 98.1 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 63.6 | 71.0 | 80.3 | 89.0 | 91.0 | 94.4 | 96.8 | 98.1 | 98.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 100

USAF METEOROLOGICAL BRANCH
CAPTAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12757 TSUTSUI NAS JAPAN

74-23

341

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-1-1950

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 71.4 | 37.7 | 76.9 | 39.7 | 39.9 | 47.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| 39.4 | 38.7 | 42.2 | 41.5 | 46.2 | 47.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| 36.1 | 36.9 | 42.4 | 40.6 | 46.1 | 46.2 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 37.0 | 39.4 | 43.3 | 47.0 | 46.0 | 46.5 | 50.1 | 50.2 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| 36.6 | 41.1 | 43.3 | 46.9 | 49.9 | 51.7 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| 43.5 | 43.3 | 47.7 | 52.7 | 54.3 | 56.7 | 57.1 | 57.7 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 43.7 | 43.6 | 48.2 | 53.3 | 55.1 | 56.6 | 57.5 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| 41.7 | 45.3 | 50.2 | 55.7 | 57.5 | 58.4 | 58.7 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| 42.6 | 46.2 | 51.2 | 54.3 | 58.9 | 60.9 | 62.1 | 62.3 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| 44.1 | 46.1 | 53.2 | 59.0 | 61.0 | 63.4 | 65.0 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 45.5 | 51.7 | 57.0 | 64.5 | 57.2 | 64.7 | 71.1 | 71.4 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 46.2 | 53.8 | 61.0 | 68.0 | 71.8 | 74.3 | 76.0 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 71.5 | 56.7 | 64.3 | 73.7 | 76.5 | 79.7 | 81.7 | 82.4 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 72.3 | 57.9 | 66.6 | 76.2 | 79.0 | 83.1 | 85.0 | 86.1 | 86.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 74.3 | 58.0 | 69.0 | 78.1 | 83.2 | 86.5 | 86.1 | 87.7 | 88.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 74.6 | 60.4 | 69.4 | 80.2 | 84.3 | 87.0 | 90.3 | 91.4 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 74.8 | 60.7 | 69.6 | 81.7 | 85.3 | 88.9 | 91.4 | 92.1 | 93.1 | 94.1 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 |
| 74.8 | 60.7 | 69.3 | 81.7 | 85.3 | 88.9 | 91.4 | 92.2 | 93.9 | 94.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 75.0 | 60.9 | 70.0 | 81.7 | 86.1 | 89.6 | 92.1 | 93.6 | 94.6 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 75.0 | 60.9 | 70.1 | 82.1 | 86.6 | 90.5 | 93.5 | 95.4 | 96.7 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 |
| 75.1 | 60.9 | 70.1 | 82.5 | 86.9 | 91.7 | 94.2 | 97.1 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 75.0 | 60.9 | 70.1 | 82.5 | 86.9 | 91.2 | 94.2 | 97.1 | 98.2 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 75.0 | 60.9 | 70.1 | 82.5 | 86.9 | 91.2 | 94.2 | 97.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.5 | 94.4 | 97.2 | 98.5 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.9 | 94.7 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.8 | 94.7 | 97.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.8 | 94.7 | 97.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.8 | 94.7 | 97.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 75.0 | 60.9 | 70.2 | 82.6 | 87.3 | 91.8 | 94.7 | 97.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 11-1-1950

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

U.S. AIR FORCE
METEOROLOGICAL SERVICE
HEADQUARTERS
WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

74-87
74-87
74-87

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-2-2001

| CEILING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 3 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 4 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 5 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 6 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 7 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 8 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 9 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 10 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 11 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 12 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 13 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 14 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 15 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 16 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 17 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 18 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 19 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 20 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 21 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 22 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 23 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| 24 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |

TOTAL NUMBER OF OBSERVATIONS 544

CEILING VERSUS VISIBILITY

74-22

—

1-2-14-

[illegible]TOTAL NUMBER OF OBSERVATIONS 10

0-14-57OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-13

— — — — —

... ..

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-23

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAF EAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC
 476790 ATSUGI NAS JAPAN
 STATION NAME

74-53

DAILY TEMPERATURE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

4-2-34

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 85 | | | | | | 2.7 | 26.6 | 46.4 | 9.3 | .3 | | | 7. |
| 75 | | | | | | 18.2 | 61.2 | 81.7 | 32.7 | .6 | | | 18. |
| 65 | | | | .3 | 6.2 | 50.6 | 87.2 | 96.7 | 64.0 | 3.9 | | | 5. |
| 60 | | | | 5.1 | 35.0 | 88.9 | 98.0 | 100.0 | 92.2 | 32.4 | 1.7 | | 21. |
| 55 | | | .3 | 20.9 | 71.9 | 99.7 | 99.7 | | 99.7 | 68.6 | 11.0 | | 4. |
| 50 | | .7 | 3.3 | 53.5 | 95.8 | 100.0 | 100.0 | | 100.0 | 92.6 | 40.3 | 1.7 | 57. |
| 45 | 1.4 | 3.9 | 16.9 | 79.8 | 99.7 | | | | | 98.7 | 66.7 | 8.4 | 10. |
| 40 | 6.8 | 10.4 | 43.3 | 90.2 | 100.0 | | | | | 100.0 | 95.7 | 27.1 | 72. |
| 35 | 25.3 | 34.1 | 78.2 | 99.0 | | | | | | | 97.7 | 70.9 | 24. |
| 33 | 35.6 | 47.3 | 87.6 | 99.3 | | | | | | | 99.3 | 82.9 | 28. |
| 30 | 67.5 | 79.9 | 97.4 | 100.0 | | | | | | | 100.0 | 93.3 | 31. |
| 25 | 93.5 | 95.3 | 99.3 | | | | | | | | | 99.0 | 39. |
| 20 | 99.3 | 100.0 | 100.0 | | | | | | | | | 100.0 | 45. |
| 15 | 100.0 | | | | | | | | | | | | 100. |
| MEAN | 31.0 | 33.1 | 39.0 | 49.1 | 57.5 | 65.2 | 70.5 | 73.2 | 67.1 | 57.0 | 47.0 | 37.0 | |
| TOTAL OBS | 262 | 279 | 317 | 297 | 376 | 297 | 324 | 366 | 300 | 319 | 300 | 289 | 11.17 |

J. L. CLIMATOLOGY BRANCH
 AFETAC
 U.S. WEATHER SERVICE/MAC
 476790 ATSUGI NAS JAPAN
 STATION NAME

DAILY TEMPERATURES

74-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 95 | | | | | | | 3.3 | 11.1 | | | | | 1.2 |
| 90 | | | | | | 4.7 | 38.5 | 51.9 | 16.1 | .3 | | | 1.0 |
| 85 | | | | | 2.6 | 24.9 | 68.7 | 87.9 | 41.0 | .6 | | | 1.0 |
| 80 | | | | 1.3 | 18.3 | 67.3 | 99.1 | 97.7 | 73.3 | 15.5 | .7 | | 1.4 |
| 75 | | | .5 | 10.1 | 59.8 | 94.6 | 97.7 | 100.0 | 93.7 | 46.9 | 5.0 | | 1.0 |
| 70 | | | 1.6 | 36.0 | 89.2 | 99.7 | 99.7 | | 99.7 | 81.6 | 19.7 | .7 | 1.0 |
| 65 | | 1.1 | 9.1 | 69.4 | 98.7 | 100.0 | 100.0 | | 100.0 | 97.1 | 49.8 | 5.0 | 1.4 |
| 60 | 4.1 | 8.8 | 32.6 | 86.9 | 99.7 | | | | | 99.7 | 79.8 | 19.7 | 1.7 |
| 55 | 20.9 | 25.1 | 66.8 | 98.0 | 100.0 | | | | | 100.0 | 97.3 | 60.9 | 1.0 |
| 50 | 53.4 | 61.3 | 94.1 | 100.0 | | | | | | | 100.0 | 92.0 | 1.0 |
| 45 | 94.5 | 95.7 | 99.0 | | | | | | | | | 99.3 | 1.1 |
| 40 | 100.0 | 100.0 | 100.0 | | | | | | | | | 100.0 | 1.0 |
| 35 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |
| MEAN | 40.5 | 41.6 | 47.2 | 56.9 | 65.3 | 71.5 | 76.7 | 79.7 | 73.3 | 64.1 | 54.6 | 45.5 | 59.0 |
| ST. A. DEV. | 4.488 | 4.905 | 5.369 | 6.022 | 4.628 | 4.482 | 5.333 | 4.175 | 5.607 | 5.056 | 5.779 | 4.806 | 14.209 |
| NO. A. OBS. | 292 | 275 | 307 | 297 | 306 | 297 | 304 | 306 | 300 | 309 | 300 | 299 | 3006 |

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH | HOURS | MIN | SEC | T |
|---------|--------------|-------|-------|-------|-----|-----|---|
|---------|--------------|-------|-------|-------|-----|-----|---|

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
JUL 84
0265 (OLA)
RE: VULNERABILITY INDICATORS OF THIS PROGRAM ARE COUNCIL

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.

HOURS . . . 5. 7

PSYCHROMETRIC SUMMARY

— 4 —

MONY

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 47 | | | | .1 | .1 | .1 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | .1 | .1 | .1 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | .1 | .1 | .1 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | .1 | .1 | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STATION | STATION NAME | YEARS | MONTH | HOURS | S. | T. |
|---------|--------------|-------|-------|-------|----|----|
| | | | | | | |

USAFETAC
FORM 204
JUL 64
0 26 5 (OL A)
RE-SEC PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

1. 1980年12月25日，在“中法大藥房”內，
 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 8

[illegible]

USAFETAC
FORM
JUL 84
0-26-5 (OLA)
NEW & C PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

USAFETAC
FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

MONTE

MOORE

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|-------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Po. | | | | | | | | | | | | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
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SAFETAC 0.26-5 (OL A)
FORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS ITEM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|--|--------------|-------|-------|
| <div style="display: flex; justify-content: space-between;"> Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL </div> | | | |
| <div style="display: flex; justify-content: space-between;"> 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.B. W.B. Dry Bulb Wet Bulb Dew Po </div> | | | |
| Data rows for temperature depression | | | |
| Summary rows | | | |
| Final summary row | | | |

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| | | | | |

USAFETAC
FORM
JUL 62
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

USAFETAC

[illegible]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

4 -

YEARS

MONTH

| HOURS | S | T |
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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH | HOURS | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| <div> <div>Temp (F)</div> <div>WET BULB TEMPERATURE DEPRESSION (F)</div> <div>TOTAL</div> <div>TOTAL</div> </div> | | | | | | | | | | | | |
| <div> <div>0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31</div> <div>D.B. W.B. Dry Bulb Wet Bulb Dew Po</div> </div> | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | |
| Element (X) | Z _g | Z _g | Z _g | Z _g | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | 55.44 | 52.57 | 54.7 | 16.34 | 226 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | 105.81 | 71.34 | 35.2 | 6.20 | 227 | | 37.0 | | | | | |
| Wet Bulb | 54.41 | 51.9 | 31.4 | 4.49 | 226 | | 53.6 | | | | | |
| Dew Point | 54.52 | 19.66 | 23.7 | 6.34 | 226 | | 60.4 | | | | | |

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-01-2001 BY 60322 UCBAW

HOURS : S.

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
JUL 64
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

PSYCHROMETRIC SUMMAR

STATION STATION NAME YEARS MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|---------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pt. | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 2577.71 | 44143 | 48.72 | 397 | 905 | | | | | | | |
| Dry Bulb | 25995.18 | 46263 | 53. | 7.147 | 905 | | | | | | | |
| Wet Bulb | 17447.7 | 39447 | 44. | 5.955 | 905 | | | | | | | |
| Dew Point | 13383 | 29137 | 32.31 | 3.367 | 905 | | 47.4 | | | | | |

USAFETAC FORM 0-26-5 (OL A) 1-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 07-11-2001 BY SP-1000/AL

12 - 7
HOURS L. S. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1.111 | .7 | .4 | .1 | .5 | .8 | 1.2 | .7 | .4 | .1 | .5 | .8 | . | . | . | . | . | | | | | | |
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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-21-2001 BY 60322 UCBAW

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

1. THE UNITED STATES OF AMERICA

HOURS L. S. T.

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO
 5408 S. UNIVERSITY AVE.
 CHICAGO, ILL. 60637

| HOURS | S | | T | |
|-------|---|---|---|---|
| | 1 | 2 | 1 | 2 |
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| 24 | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC
FORM
JUL 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

MONTH

[illegible]

AD-A159 684 ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85
UNCLASSIFIED USAFETAC/DS-85/006 F/G 4/2

ATSUGI HAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85
USAFETAC/DS-85/008 F/G 4/2

4/5

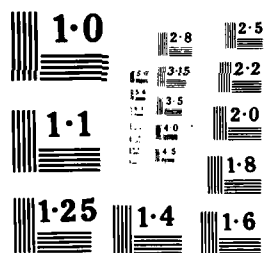
UNCLASSIFIED

USAFETAC/DS-85/008

F/G 4/2

NL

A 10x10 grid of squares. The top-left square (row 1, column 1) is missing, leaving a 9x10 grid of squares. The grid is composed of 90 squares in total.



[illegible]

4-53

MONTH

USAFETAC FORM JUL 84

PSYCHROMETRIC SUMMARY

74-53

YEARS

MONTH

HOURS (L S T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 70 / 70 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 69 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 68 | | | | .1 | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 67 | | .1 | .1 | .1 | .1 | | .1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 66 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 65 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 64 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 63 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 62 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 61 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 60 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 59 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 58 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 57 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | 1 | 1 | | | | | | | | | | | | | |
| 70 / 56 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 55 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 54 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 53 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 52 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 51 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 50 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 49 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 48 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 47 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 46 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 45 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 44 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 43 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 42 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 41 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | |
| 70 / 40 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-23

YEARS

MONTH

| NO. | DATE | TIME | PLACE | REMARKS |
|-----|----------|-------|-------|---------|
| 1 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 2 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 3 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 4 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 5 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 6 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 7 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 8 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 9 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 10 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 11 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 12 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 13 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 14 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 15 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 16 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 17 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 18 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 19 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 20 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 21 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 22 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 23 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 24 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 25 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 26 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 27 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 28 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 29 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 30 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 31 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 32 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 33 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 34 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 35 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 36 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 37 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 38 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 39 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 40 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 41 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 42 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 43 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 44 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 45 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 46 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 47 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 48 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 49 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 50 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 51 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 52 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 53 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 54 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 55 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 56 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 57 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 58 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 59 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 60 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 61 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 62 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 63 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 64 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 65 | 10/10/19 | 10:00 | 10:00 | 10:00 |
| 66 | 10 | | | |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 7 / 77 | | | | | | .1 | | | | | .1 | | | | | | | | | | | | | |
| 7 / 77 | | | | | | .3 | .3 | | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | .5 | .5 | .1 | | | .1 | | | | | | | | | | | | | |
| 7 / 77 | | | | .1 | .1 | .3 | .3 | .3 | .1 | | .1 | | | | | | | | | | | | | |
| 7 / 77 | | | | .3 | .3 | .5 | .5 | .5 | .2 | .1 | .1 | .3 | | | | | | | | | | | | |
| 7 / 77 | | | | .5 | .5 | .7 | .7 | .7 | .2 | .1 | .3 | | | | | | | | | | | | | |
| 7 / 77 | | | .1 | .1 | .3 | .3 | .3 | .3 | .1 | | | | .1 | | | | | | | | | | | |
| 7 / 77 | | .1 | .1 | .3 | .3 | .5 | .5 | .5 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | | .3 | .3 | .5 | .5 | .7 | .7 | .7 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | | .5 | .5 | .7 | .7 | .9 | .9 | .9 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | | .7 | .7 | .9 | .9 | 1.1 | 1.1 | 1.1 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | | .9 | .9 | 1.1 | 1.1 | 1.3 | 1.3 | 1.3 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | .1 | .7 | .9 | 1.1 | 1.3 | 1.5 | 1.5 | 1.5 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | .3 | .9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.7 | 1.7 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | .5 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 1.9 | 1.9 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | .7 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 | 2.1 | 2.1 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | .9 | 1.5 | 1.7 | 1.9 | 2.1 | 2.3 | 2.3 | 2.3 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 1.1 | 1.7 | 1.9 | 2.1 | 2.3 | 2.5 | 2.5 | 2.5 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 1.3 | 1.9 | 2.1 | 2.3 | 2.5 | 2.7 | 2.7 | 2.7 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 1.5 | 2.1 | 2.3 | 2.5 | 2.7 | 2.9 | 2.9 | 2.9 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 1.7 | 2.3 | 2.5 | 2.7 | 2.9 | 3.1 | 3.1 | 3.1 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 1.9 | 2.5 | 2.7 | 2.9 | 3.1 | 3.3 | 3.3 | 3.3 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 2.1 | 2.7 | 2.9 | 3.1 | 3.3 | 3.5 | 3.5 | 3.5 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 2.3 | 2.9 | 3.1 | 3.3 | 3.5 | 3.7 | 3.7 | 3.7 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 2.5 | 3.1 | 3.3 | 3.5 | 3.7 | 3.9 | 3.9 | 3.9 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 2.7 | 3.3 | 3.5 | 3.7 | 3.9 | 4.1 | 4.1 | 4.1 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 2.9 | 3.5 | 3.7 | 3.9 | 4.1 | 4.3 | 4.3 | 4.3 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 3.1 | 3.7 | 3.9 | 4.1 | 4.3 | 4.5 | 4.5 | 4.5 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 3.3 | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.7 | 4.7 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 3.5 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 4.9 | 4.9 | .1 | | | | | | | | | | | | | | | |
| 7 / 77 | 3.7 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.1 | 5.1 | .1 | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1000

USAFETAC

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-08-2001 BY 60322

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 74-22 | | | |

[illegible]

USAFETAC
FORM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LEGAL ATTACHE, U.S. DEPT. OF STATE
WASHINGTON, D.C.
ATTENTION: SERVICE 7-30

76-43

MONTH

100

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

1-1-7
HOURS (L. S. T.)

[illegible]

FORM
JUL 64
0 26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. RESEARCH
 2. TECHNOLOGY
 3. INFORMATION
 4. SYSTEMS
 5. MANAGEMENT
 6. SCIENCE
 7. ENGINEERING
 8. DESIGN
 9. CONSTRUCTION
 10. OPERATION
 11. MAINTENANCE
 12. REPAIR
 13. REPLACEMENT
 14. RECONSTRUCTION
 15. RENOVATION
 16. RESTORATION
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 229. RECONSTRUCTION
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 231. RESTORATION
 232. REPAIR
 233. REPLACEMENT
 234. RECONSTRUCTION<

1 2 3 4 5 6 7 8 9 10 11 12
HOURS S. T.

USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC
FORM 24
JUL 64
0-26.5 (OL A)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND CHANGE

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

HOURS . . 5 9 .

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 60 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 61.6 | 58.4 | 57.0 | | | | | | | | | | | | | | |
| 65 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.7 | 66.7 | 63.3 | 61.9 | | | | | | | | | | | | | | |
| 70 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.8 | 71.8 | 68.4 | 67.0 | | | | | | | | | | | | | | |
| 75 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 1.9 | 76.9 | 73.5 | 72.1 | | | | | | | | | | | | | | |
| 80 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.0 | 82.0 | 78.6 | 77.2 | | | | | | | | | | | | | | |
| 85 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.1 | 87.1 | 83.7 | 82.3 | | | | | | | | | | | | | | |
| 90 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.2 | 92.2 | 88.8 | 87.4 | | | | | | | | | | | | | | |
| 95 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.3 | 97.3 | 93.9 | 92.5 | | | | | | | | | | | | | | |
| 100 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.4 | 102.4 | 99.0 | 97.6 | | | | | | | | | | | | | | |
| 105 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.5 | 107.5 | 104.1 | 102.7 | | | | | | | | | | | | | | |
| 110 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.6 | 112.6 | 109.2 | 107.8 | | | | | | | | | | | | | | |
| 115 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.7 | 117.7 | 114.3 | 112.9 | | | | | | | | | | | | | | |
| 120 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 | 122.8 | 119.4 | 118.0 | | | | | | | | | | | | | | |
| 125 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 2.9 | 127.9 | 124.5 | 123.1 | | | | | | | | | | | | | | |
| 130 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.0 | 133.0 | 129.6 | 128.2 | | | | | | | | | | | | | | |
| 135 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.1 | 138.1 | 134.7 | 133.3 | | | | | | | | | | | | | | |
| 140 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.2 | 143.2 | 139.8 | 138.4 | | | | | | | | | | | | | | |
| 145 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.3 | 148.3 | 144.9 | 143.5 | | | | | | | | | | | | | | |
| 150 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 | 153.4 | 150.0 | 148.6 | | | | | | | | | | | | | | |
| 155 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | | | | | | | | | | | | | | | | | | |

[illegible]

52

[illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

[illegible]

USAFETAC
FORM
JUL 64
0 26 5 (OL A)
RE-USED PREVIOUS EDITIONS OF THIS FORM ARE USUALLY

USAFETAC

PSYCHROMETRIC SUMMARY

MONTA

HOURS 11.5. S. T.

[illegible]

[illegible]

HOURS 5.7

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 74 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element | Σx | Σx^2 | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-----------|------------|--------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|--|
| | | | | | | ≤ 50 F | ≤ 52 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel Hum | 34.3 | 312.4 | 4.9 | 0.25 | 6725 | | | | | | | |
| Dry Bulb | 34.3 | 312.4 | 4.9 | 0.25 | 6725 | | | | | | | |
| Wet Bulb | 34.3 | 312.4 | 4.9 | 0.25 | 6725 | | | | | | | |
| Dew Point | 34.3 | 312.4 | 4.9 | 0.25 | 6725 | | | | | | | |

USAFETAC FORM 0 26 5 (OL A) 8-5-55 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO

MONY

MOJES

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

HOURS 1. 5. 7.

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

USAFETAC

CONFIDENTIAL SOURCE
 100-441100-1000
 100-441100-1000

MONTH

[illegible]

PSYCHROMETRIC SUMMARY

74-53

YEARS

MONTH

HOURS 11.5. 2.

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

1. *Phragmites australis* (Cav.) Trin. ex Steud.

| 1 | 2 | 3 | 4 |
|-------|----|---|---|
| HOURS | 11 | 5 | 1 |

USAFETAC
FORM 0-26.5 (OL A)
MAY 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. GENERAL INFORMATION

| MOUSE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|-------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | |

USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-08-2001 BY 60322 SP4

[illegible]

[illegible]

HOURS L. S. T.

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

MONTH

FOR THE
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS PLAN ARE OBSOLETE

USAFETAC

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

USAFETAC FORM 0-265 (OLA) JUL 64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
NO. 84
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

USAFETAC
FORM
JUL 64
0265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

4. 1950 年 5 月 1 日

[illegible]

USAFETAL 0265 (UL A) FORM 04 JUL 64

$\chi^2_{(1)} = 1.94$, $p = 0.16$

HOVASS

[illegible]

PSYCHROMETRIC SUMMARY

MCN 98

HOURS: 5 - 9

[illegible]

USAFETAC KRM: JUL 04 0 26 5 (CL A) REF: SEE PREVIOUS EDITIONS OF THIS MESSAGE FOR DETAILS

USAFETAC

PSYCHROMETRIC SUMMARY

MONTH

MOJAS S T

[illegible]

USAFETAC 0265 (OLA) FORM 100-104 80-150 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH | HOURS | S. T. |
|---------|--------------|-------|-------|-------|-------|
| | | | | | |

[illegible]

USAFETAC
FORM
JUL 66
0-265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. DATE OF DEATH 12-17-68

STATION

STATION NAME

YEARS

MONTH

HOURS L S T

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS 12.5. 7.

[illegible]

USAFETAC FORM 0-26-5 (OLA)
MAY 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------|
| | | | | | | $\pm 0^\circ\text{F}$ | $\pm 32^\circ\text{F}$ | $\pm 67^\circ\text{F}$ | $\pm 73^\circ\text{F}$ | $\pm 80^\circ\text{F}$ | $\pm 93^\circ\text{F}$ | |
| Rel. Hum. | 457.204 | 59.46 | 62.7 | 0.374 | 732 | | | | | | | |
| Dry Bulb | 457.304 | 59.47 | 77.1 | 4.104 | 732 | | | 91.7 | 91.4 | 95.1 | | |
| Wet Bulb | 398.714 | 52.44 | 73.1 | 3.637 | 732 | | | 87.3 | 91.3 | 94 | | |
| Dew Point | 376.434 | 49.13 | 71.1 | 4.141 | 732 | | | 78.7 | 91.1 | | | |

USAFETAC 0-26 5 (OLA) NORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-01-2010 BY 60322/UC

HOURS 1. 5. 9

[illegible]

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

MONTH

[illegible]

USAFETAC
FORM
JUL 66
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

74-2

MONTH

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|---|------------|---|-----------|---|--------|---|----------|---|------------------------------------|----|--------|----|--------|----|--------|----|--------|----|--------|----|-------|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | $\Sigma x'$ | | Σx | | \bar{x} | | s^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | 44721.4 | | 62251 | | 69.3 | | 12.304 | | 892 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | | | | | | | |
| Dry Bulb | 554117 | | 72987 | | 81.7 | | 5.780 | | 892 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 496143 | | 66777 | | 74.1 | | 3.680 | | 892 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 6450-71 | | 82900 | | 75.3 | | 4.160 | | 892 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26.5 (OL A) RE-REVISED EDITIONS OF THIS MANUAL ARE OBSOLETE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-21-2001 BY 60322 UCBAW

HOURS 1. 5. 7.

[illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 77-6 | 77-6 | 77-6 | 77-6 |

USAFETAC
FORM 0265 (O.L.A.)
JUL 64
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS (L. S. Y.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|---|------------|---|-----------|---|------------|---|----------|---|------------------------------------|----|--------|----|--------|----|--------|----|--------|----|--------|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 421764.21 | | 522673 | | 78.712 | | 24.2 | | 6642 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | | | | | | | | | | | Total | | | | |
| Dry Bulb | 387707.2 | | 576545 | | 76.7 | | 5.508 | | 6644 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 377116.4 | | 473546 | | 71.7 | | 4.757 | | 6642 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 316357.4 | | 457233 | | 69.7 | | 4.764 | | 6642 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (OL A) JUL 64 REF: NO PREVIOUS EDITIONS OF THIS FORM ARE VALID

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS PUBLICATION ARE OBSOLETE

USAFETAC

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--------|-----|-------|----|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σ X | 101.417 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 411 | 226 | 517 | 312 | 714 | 17 | 3 | 7 | 3 | 9 | 9 | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 46.672 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5942 | 57.2 | 15.134 | 264 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 67.747 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 76.5 | 6.342 | 395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 46.177 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5944 | 68.9 | 5.261 | 484 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 77.875 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57543 | 54.5 | 6.454 | 884 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26 5 (OL A) JUL 64 RE-150 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 7-1 | 7-1 | 7-1 | 7-1 |

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0.26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

HOURS 11 5 7

[illegible]

PSYCHROMETRIC SUMMARY

STATION: 75-11 STATION NAME: 75-11 YEARS: 1954 MONTH: 11

| HOURS (L. S. T.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------------------------------|-----|-----|-------|-----|------|-------|-------|-------|--------|-------|-------|----------|-------|-------|------------------------------------|-----|-----------|----------|----------|-----------|--|--|--|--|--------|--|--|--|--|--------|-------|--|-------|--|--------|--|--|--|--|--|--|--|--|--|
| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | |
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | | Σ x | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4-43-47 | | | 57647 | | | 72.5 | | | 12.599 | | | 734 | | | ≤ 0 F | | | | | ≤ 32 F | | | | | ≥ 67 F | | | | | ≥ 73 F | | | | | ≥ 80 F | | | | | | | | | |
| Dry Bulb | 252228 | | | 44277 | | | 63.2 | | | 5.549 | | | 735 | | | | | | | | | | | | | 1.3 | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 235947 | | | 41463 | | | 56.7 | | | 5.111 | | | 734 | | | | | | | | | | | | | .3 | | | | | | | | | | | | | | | | | | | |
| Dew Point | 217944 | | | 79114 | | | 53.8 | | | 7.844 | | | 734 | | | 1.5 | | | | | 1.3 | | | | | .3 | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|----------------|
| | | | HOURS L. S. T. |

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USAFETAC
FORNAS
JUL 84
0-26-5 (OLA)
RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 07-18-2019 BY 60322 UCBAW/BJS

MONTH

[illegible]

USAFETAC
FORM 204
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

MONTH

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ MIN _____ SEC _____

USAFETAC
FORM
JUL 64
0-265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Pharmaceuticals*—The pharmaceutical industry is the largest of the three industries, with sales of \$10.5 billion in 1990. The industry is highly concentrated, with the top 10 firms accounting for 60% of sales. The industry is also highly innovative, with a large number of new drugs being developed each year.

MONTH

HOURS 1. 5. 7.

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

MOURS : S. Y.

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USAFETAC FORM 0 26-5 (OL A)
JUL 84
RE - SEC PREVIOUS EDITIONS OF THIS PUBLICATION

| <u>1-7</u> | <u>JAN</u> | <u>6-57</u> | |
|------------|--------------|-------------|---------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS . S. T. |

USAFETAL 0265 (CL A) FORM JUL 64
REF-SEE PREVIOUS EDITIONS FOR THIS FORM AND U.S. GPO

PSYCHROMETRIC SUMMARY

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MOORE

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USAFETAC FORM JUL 64 0265 (ULA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

HOURS 5.00

[illegible]

FORM 0 265 (OL A)
REVISED PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE
JUL 64

USAFETAC

USAFETAC FORM 0-26.5 (OL A) JUL 84

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

PSYCHROMETRIC SUMMARY

MON'K

HOURS: 9:00 - 5:00

[illegible]USAFETAC FORM
JUN 64

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS 1 - 5 P.M.

USAFETAC FORM 026-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 66

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

MONTH

TOTAL

[illegible]

1. *Pharmaceutical industry*—United States—History.
 2. *Pharmaceutical industry*—United States—Economic aspects.
 3. *Pharmaceutical industry*—United States—Government relations.
 4. *Pharmaceutical industry*—United States—Social aspects.
 5. *Pharmaceutical industry*—United States—Finance.
 6. *Pharmaceutical industry*—United States—Marketing.
 7. *Pharmaceutical industry*—United States—Research and development.
 8. *Pharmaceutical industry*—United States—Regulation.
 9. *Pharmaceutical industry*—United States—Labor relations.
 10. *Pharmaceutical industry*—United States—Ethics.
 11. *Pharmaceutical industry*—United States—Innovation.
 12. *Pharmaceutical industry*—United States—Globalization.
 13. *Pharmaceutical industry*—United States—Patents.
 14. *Pharmaceutical industry*—United States—Competition.
 15. *Pharmaceutical industry*—United States—Consumer behavior.
 16. *Pharmaceutical industry*—United States—Health care reform.
 17. *Pharmaceutical industry*—United States—Biotechnology.
 18. *Pharmaceutical industry*—United States—Environmental impact.
 19. *Pharmaceutical industry*—United States—Public health.
 20. *Pharmaceutical industry*—United States—Quality control.
 21. *Pharmaceutical industry*—United States—Safety.
 22. *Pharmaceutical industry*—United States—Effectiveness.
 23. *Pharmaceutical industry*—United States—Cost containment.
 24. *Pharmaceutical industry*—United States—Access to care.
 25. *Pharmaceutical industry*—United States—Patient education.
 26. *Pharmaceutical industry*—United States—Drug utilization.
 27. *Pharmaceutical industry*—United States—Pharmacovigilance.
 28. *Pharmaceutical industry*—United States—Clinical trials.
 29. *Pharmaceutical industry*—United States—Evidence-based medicine.
 30. *Pharmaceutical industry*—United States—Health equity.
 31. *Pharmaceutical industry*—United States—Digital health.
 32. *Pharmaceutical industry*—United States—Telemedicine.
 33. *Pharmaceutical industry*—United States—Artificial intelligence.
 34. *Pharmaceutical industry*—United States—Big data.
 35. *Pharmaceutical industry*—United States—Precision medicine.
 36. *Pharmaceutical industry*—United States—Personalized medicine.
 37. *Pharmaceutical industry*—United States—Regenerative medicine.
 38. *Pharmaceutical industry*—United States—Nanotechnology.
 39. *Pharmaceutical industry*—United States—Immunology.
 40. *Pharmaceutical industry*—United States—Oncology.
 41. *Pharmaceutical industry*—United States—Neurology.
 42. *Pharmaceutical industry*—United States—Cardiology.
 43. *Pharmaceutical industry*—United States—Endocrinology.
 44. *Pharmaceutical industry*—United States—Gastroenterology.
 45. *Pharmaceutical industry*—United States—Pulmonology.
 46. *Pharmaceutical industry*—United States—Nephrology.
 47. *Pharmaceutical industry*—United States—Hematology.
 48. *Pharmaceutical industry*—United States—Immunology.
 49. *Pharmaceutical industry*—United States—Infectious diseases.
 50. *Pharmaceutical industry*—United States—Vaccines.
 51. *Pharmaceutical industry*—United States—Antibiotics.
 52. *Pharmaceutical industry*—United States—Anticancer drugs.
 53. *Pharmaceutical industry*—United States—Antipsychotics.
 54. *Pharmaceutical industry*—United States—Antidepressants.
 55. *Pharmaceutical industry*—United States—Painkillers.
 56. *Pharmaceutical industry*—United States—Insulin.
 57. *Pharmaceutical industry*—United States—Chemotherapy.
 58. *Pharmaceutical industry*—United States—HIV drugs.
 59. *Pharmaceutical industry*—United States—Antiretrovirals.
 60. *Pharmaceutical industry*—United States—Anticoagulants.
 61. *Pharmaceutical industry*—United States—Antidiabetics.
 62. *Pharmaceutical industry*—United States—Antihypertensives.
 63. *Pharmaceutical industry*—United States—Anticholinergics.
 64. *Pharmaceutical industry*—United States—Antiemetics.
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 83. *Pharmaceutical industry*—United States—Painkillers.
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 103. *Pharmaceutical industry*—United States—Antidiabetics.
 104. *Pharmaceutical industry*—United States—Antihypertensives.
 105. *Pharmaceutical industry*—United States—Anticholinergics.
 106. *Pharmaceutical industry*—United States—Antiemetics.
 107. *Pharmaceutical industry*—United States—Anticoagulants.
 108. *Pharmaceutical industry*—United States—Anticancer drugs.
 109. *Pharmaceutical industry*—United States—Antipsychotics.
 110. *Pharmaceutical industry*—United States—Antidepressants.
 111. *Pharmaceutical industry*—United States—Painkillers.
 112. *Pharmaceutical industry*—United States—Insulin.
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 143. *Pharmaceutical industry*—United States—Antiretrovirals.
 144. *Pharmaceutical industry*—United States—Anticoagulants.
 145. *Pharmaceutical industry*—United States—Antidiabetics.
 146. *Pharmaceutical industry*—United States—Antihypertensives.
 147. *Pharmaceutical industry*—United States—Anticholinergics.
 148. *Pharmaceutical industry*—United States—Antiemetics.
 149. *Pharmaceutical industry*—United States—Anticoagulants.
 150. *Pharmaceutical industry*—United States—Anticancer drugs.
 151. *Pharmaceutical industry*—United States—Antipsychotics.
 152. *Pharmaceutical industry*—United States—Antidepressants.
 153. *Pharmaceutical industry*—United States—Painkillers.
 154. *Pharmaceutical industry*

HOURS (L, S, V)

USAFETAC
FORM 0 26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

PSYCHROMETRIC SUMMARY

74-53

STATION

STATION NAME

YEARS

MONTH

HOURS 16. 5. 7.

[illegible]

1. GENERAL INFORMATION DATE
TIME
LOCATION

76-52

MONTH

| MOUSE | S | T |
|-------|---|---|
|-------|---|---|

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 7/ 89 | | | .1 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 87 | | | .1 | | .1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 85 | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 83 | .2 | .2 | .3 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 81 | .3 | .3 | .4 | .4 | .4 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 79 | .3 | 1.4 | 1.4 | | .3 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 77 | .1 | 1.4 | 1.4 | 1.2 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 75 | .3 | 1.7 | 3.2 | 1.9 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 73 | .5 | 2.3 | 3.3 | 1.7 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 71 | .3 | 2.3 | 3.3 | 1.5 | 1.4 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 69 | .3 | 2.3 | 3.4 | 1.1 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 67 | .7 | 2.1 | 3.2 | 1.9 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 65 | .7 | 4.7 | 6.3 | 2.9 | .3 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 63 | .1 | 1.4 | 2.1 | 2.3 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 61 | | .3 | 1.7 | 1.3 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 59 | | | .3 | 1.7 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 57 | | | .7 | 1.7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 55 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 53 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 51 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 49 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 47 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 45 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 43 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 41 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 39 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 37 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 35 | | | .3 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 33 | .4 | .1 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 29 | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.2 | 2.7 | 37.2 | 19.7 | 4.4 | 2.5 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

MONTH

HOURS : S. Y.

[illegible]

USAFETAC
FORM
NA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MON 7 4

HOURS ^{1 2 3 4 5 6 7}
1 2 3 4 5 6 7

[illegible]

ALBERT EINSTEIN, 1905

MONTH

[illegible]

NOUVEAU S

| Temp. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|
| (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 70 | 70 | 70 | 70 | |
| 71 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 71 | 71 | 71 | 71 | |
| 72 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 72 | 72 | 72 | 72 | |
| 73 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 73 | 73 | 73 | 73 | |
| 74 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 74 | 74 | 74 | 74 | |
| 75 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 75 | 75 | 75 | 75 | |
| 76 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 76 | 76 | 76 | 76 | |
| 77 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 77 | 77 | 77 | 77 | |
| 78 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 78 | 78 | 78 | 78 | |
| 79 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 79 | 79 | 79 | 79 | |
| 80 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 80 | 80 | 80 | 80 | |
| 81 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 81 | 81 | 81 | 81 | |
| 82 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 82 | 82 | 82 | 82 | |
| 83 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 83 | 83 | 83 | 83 | |
| 84 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 84 | 84 | 84 | 84 | |
| 85 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 85 | 85 | 85 | 85 | |
| 86 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 86 | 86 | 86 | 86 | |
| 87 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 87 | 87 | 87 | 87 | |
| 88 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 88 | 88 | 88 | 88 | |
| 89 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 89 | 89 | 89 | 89 | |
| 90 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90 | 90 | 90 | 90 | |
| 91 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 91 | 91 | 91 | 91 | |
| 92 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 92 | 92 | 92 | 92 | |
| 93 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 93 | 93 | 93 | 93 | |

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC
FORM
AUG 84
0-265 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
U.S.A.

MONTH

HOURS 1 5 7

[illegible]

ALBUQUERQUE, NEW MEXICO

HOURS L. S. T.

USAFETAC
FORM JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC
FORM JUL 84
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION 74-01 STATION NAME 74-01 YEARS 74-01 MONTH 74-01

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|--|
| | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | |
| Rel. Hum. | 1551441 | 29765 | 43.6 | 16.436 | 912 | | | | | | | |
| Dry Bulb | 2591230 | 48288 | 52.9 | 6.917 | 912 | | | | | | | |
| Wet Bulb | 1717453 | 34269 | 43.1 | 5.405 | 912 | | | 1. | | | | |
| Dew Point | 30667 | 27152 | 29.8 | 9.845 | 912 | .1 | 55. | | | | | |

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 07-11-2001 BY 60322 JAL

| | | | |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS L. S. T. |

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

HOURS 12. 5. 7. 1.

[illegible]

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
 76. *Chlorophyll axz* (Chl *axz*)
 77. *Chlorophyll ayz* (Chl *ayz*)
 78. *Chlorophyll ayz* (Chl *ayz*)
 79. *Chlorophyll azz* (Chl *azz*)
 80. *Chlorophyll azaa* (Chl *aza*)
 81. *Chlorophyll abz* (Chl *abz*)
 82. *Chlorophyll acz* (Chl *acz*)
 83. *Chlorophyll adz* (Chl *adz*)
 84. *Chlorophyll aez* (Chl *aez*)
 85. *Chlorophyll afz* (Chl *afz*)
 86. *Chlorophyll agz* (Chl *agz*)
 87. *Chlorophyll ahz* (Chl *ahz*)
 88. *Chlorophyll aiz* (Chl *aiz*)
 89. *Chlorophyll ajz* (Chl *ajz*)
 90. *Chlorophyll akz* (Chl *akz*)
 91. *Chlorophyll alz* (Chl *alz*)
 92. *Chlorophyll amz* (Chl *amz*)
 93. *Chlorophyll anz* (Chl *anz*)
 94. *Chlorophyll aoz* (Chl *aoz*)
 95. *Chlorophyll apz* (Chl *apz*)
 96. *Chlorophyll aqz* (Chl *aqz*)
 97. *Chlorophyll arz* (Chl *arz*)
 98. *Chlorophyll asz* (Chl *asz*)
 99. *Chlorophyll atz* (Chl *atz*)
 100. *Chlorophyll auz* (Chl *auz*)
 101. *Chlorophyll avz* (Chl *avz*)
 102. *Chlorophyll awz* (Chl *awz*)
 103. *Chlorophyll axz* (Chl *axz*)
 104. *Chlorophyll ayz* (Chl *ayz*)
 105. *Chlorophyll ayz* (Chl *ayz*)
 106. *Chlorophyll azz* (Chl *azz*)
 107. *Chlorophyll azaa* (Chl *aza*)
 108. *Chlorophyll abz* (Chl *abz*)
 109. *Chlorophyll acz* (Chl *acz*)
 110. *Chlorophyll adz* (Chl *adz*)
 111. *Chlorophyll aez* (Chl *aez*)
 112. *Chlorophyll afz* (Chl *afz*)
 113. *Chlorophyll agz* (Chl *agz*)
 114. *Chlorophyll ahz* (Chl *ahz*)
 115. *Chlorophyll aiz* (Chl *aiz*)
 116. *Chlorophyll ajz* (Chl *ajz*)
 117. *Chlorophyll akz* (Chl *akz*)
 118. *Chlorophyll alz* (Chl *alz*)
 119. *Chlorophyll amz* (Chl *amz*)
 120. *Chlorophyll anz* (Chl *anz*)
 121. *Chlorophyll aoz* (Chl *aoz*)
 122. *Chlorophyll apz* (Chl *apz*)
 123. *Chlorophyll aqz* (Chl *aqz*)
 124. *Chlorophyll arz* (Chl *arz*)
 125. *Chlorophyll asz* (Chl *asz*)
 126. *Chlorophyll atz* (Chl *atz*)
 127. *Chlorophyll auz* (Chl *auz*)
 128. *Chlorophyll avz* (Chl *avz*)
 129. *Chlorophyll awz* (Chl *awz*)
 130. *Chlorophyll axz* (Chl *axz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|--------------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. Dry Bulb | Wet Bulb Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MONTH

HOURS : 5. ✓

[illegible]

AD-A159 884

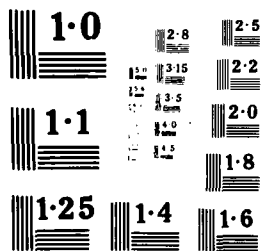
ATSUGI NAS JAPAN LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PART A C-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. FEB 85
UNCLASSIFIED USAFETAC/DS-85/006

F/G 4/2

NL

5/5

END
PART
12-85
FEB



LEGAL COUNSEL/SECY 204 CH
10/1/78
10/1/78 10/1/78

74-93

STATION

STATION NAME

YEARS

MONTH

14 L
HOURS IL. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

DATE: 11/20/77

74-53

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

NATIONAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEGREES F FROM HOURLY OBSERVATIONS

478790 ATSUJI KAG JAPAN

74-83

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | |
|-----------|------------|--------------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|--------|--|
| HRS. LIST | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
| 1-07 | MEAN | 36.4 | | 36.9 | | 43.9 | | 53.3 | | 61.1 | | 67.9 | | 73.1 | | 75.9 | | 69.8 | | 63.2 | | 51.0 | | 41.7 | | 55.9 | |
| | S.D. | 5.273 | | 5.615 | | 6.112 | | 6.540 | | 4.922 | | 4.791 | | 4.602 | | 4.138 | | 5.122 | | 5.549 | | 6.754 | | 5.904 | | 14.444 | |
| | TOTAL OBS. | 675 | | 574 | | 624 | | 619 | | 640 | | 623 | | 631 | | 635 | | 620 | | 770 | | 713 | | 730 | | 7721 | |
| 1-08 | MEAN | 34.1 | | 35.2 | | 41.1 | | 51.3 | | 58.9 | | 66.4 | | 71.7 | | 74.4 | | 66.4 | | 58.8 | | 47.1 | | 39.7 | | 54.2 | |
| | S.D. | 5.346 | | 6.216 | | 6.371 | | 7.028 | | 5.323 | | 4.731 | | 4.916 | | 4.022 | | 5.092 | | 5.524 | | 6.483 | | 5.909 | | 14.628 | |
| | TOTAL OBS. | 754 | | 738 | | 671 | | 789 | | 620 | | 791 | | 803 | | 809 | | 791 | | 849 | | 807 | | 870 | | 9639 | |
| 1-09 | MEAN | 33.5 | | 35.2 | | 41.6 | | 52.5 | | 61.5 | | 68.1 | | 73.3 | | 75.7 | | 69.3 | | 59.2 | | 49.1 | | 39.1 | | 55.0 | |
| | S.D. | 5.292 | | 6.279 | | 6.295 | | 7.060 | | 5.558 | | 4.964 | | 5.544 | | 4.645 | | 5.606 | | 5.553 | | 7.002 | | 6.060 | | 15.629 | |
| | TOTAL OBS. | 886 | | 827 | | 903 | | 875 | | 912 | | 876 | | 894 | | 900 | | 897 | | 905 | | 887 | | 900 | | 10657 | |
| 1-11 | MEAN | 42.1 | | 42.9 | | 49.0 | | 59.5 | | 68.5 | | 73.3 | | 78.7 | | 81.7 | | 74.5 | | 66.1 | | 56.3 | | 47.0 | | 61.9 | |
| | S.D. | 5.515 | | 5.535 | | 6.461 | | 7.279 | | 6.063 | | 5.782 | | 6.611 | | 5.709 | | 6.874 | | 5.990 | | 6.337 | | 5.943 | | 14.850 | |
| | TOTAL OBS. | 895 | | 813 | | 894 | | 867 | | 898 | | 867 | | 895 | | 892 | | 881 | | 904 | | 878 | | 900 | | 10588 | |
| 1-14 | MEAN | 47.7 | | 47.6 | | 53.0 | | 62.3 | | 71.0 | | 75.6 | | 81.0 | | 84.4 | | 77.6 | | 69.3 | | 60.5 | | 50.8 | | 65.4 | |
| | S.D. | 5.678 | | 5.979 | | 7.149 | | 7.293 | | 6.303 | | 6.007 | | 6.776 | | 5.939 | | 7.414 | | 6.572 | | 6.828 | | 6.117 | | 14.089 | |
| | TOTAL OBS. | 900 | | 816 | | 906 | | 871 | | 900 | | 887 | | 901 | | 915 | | 890 | | 913 | | 890 | | 912 | | 10701 | |
| 1-17 | MEAN | 45.7 | | 47.2 | | 52.4 | | 61.5 | | 69.7 | | 74.4 | | 79.7 | | 82.9 | | 76.0 | | 68.1 | | 59.1 | | 51.0 | | 64.0 | |
| | S.D. | 5.654 | | 5.048 | | 6.890 | | 6.774 | | 5.939 | | 5.531 | | 6.094 | | 5.432 | | 6.042 | | 5.999 | | 6.422 | | 5.997 | | 13.775 | |
| | TOTAL OBS. | 900 | | 821 | | 889 | | 878 | | 900 | | 881 | | 900 | | 902 | | 890 | | 907 | | 891 | | 910 | | 10670 | |
| 1-20 | MEAN | 41.0 | | 42.8 | | 48.8 | | 57.8 | | 65.7 | | 71.3 | | 76.1 | | 79.0 | | 72.5 | | 64.0 | | 54.8 | | 48.0 | | 60.0 | |
| | S.D. | 5.071 | | 5.761 | | 6.051 | | 6.053 | | 5.050 | | 4.711 | | 5.114 | | 4.439 | | 5.532 | | 5.277 | | 6.146 | | 5.660 | | 13.875 | |
| | TOTAL OBS. | 879 | | 829 | | 900 | | 881 | | 912 | | 883 | | 905 | | 906 | | 885 | | 900 | | 803 | | 840 | | 10680 | |
| 1-23 | MEAN | 38.4 | | 39.9 | | 46.2 | | 55.6 | | 63.2 | | 69.4 | | 74.5 | | 77.1 | | 70.9 | | 61.7 | | 52.6 | | 43.0 | | 57.0 | |
| | S.D. | 5.058 | | 5.824 | | 5.955 | | 6.061 | | 4.659 | | 4.588 | | 4.677 | | 4.104 | | 5.270 | | 5.342 | | 6.395 | | 5.700 | | 14.080 | |
| | TOTAL OBS. | 710 | | 656 | | 726 | | 698 | | 735 | | 718 | | 715 | | 730 | | 710 | | 703 | | 771 | | 770 | | 8740 | |
| ALL HOURS | MEAN | 40.4 | | 41.2 | | 47.2 | | 57.0 | | 65.2 | | 71.0 | | 76.2 | | 79.1 | | 72.8 | | 63.6 | | 54.2 | | 45.0 | | 59.0 | |
| | S.D. | 7.451 | | 7.561 | | 7.760 | | 7.862 | | 6.946 | | 6.094 | | 6.508 | | 6.035 | | 6.934 | | 6.912 | | 7.759 | | 7.652 | | 14.999 | |
| | TOTAL OBS. | 6596 | | 6074 | | 6643 | | 6478 | | 6728 | | 6532 | | 6644 | | 6689 | | 6540 | | 6976 | | 5750 | | 6869 | | 72489 | |

U.S. AIR FORCE
AFETAC
U.S. WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74-797 ATSUJI NAS JAPAN

74-83

STATION

STATION NAME

YEARS

| HRS | EST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1-02 | MEAN | 72.0 | 72.5 | 79.5 | 49.1 | 57.2 | 64.7 | 70.3 | 72.5 | 66.5 | 55.5 | 47.1 | 37.0 | 52.1 |
| | S D | 5.145 | 5.857 | 6.456 | 7.142 | 5.411 | 4.705 | 4.410 | 3.790 | 5.199 | 6.111 | 7.235 | 5.454 | 14.958 |
| | TOTAL OBS | 634 | 574 | 674 | 619 | 640 | 629 | 631 | 635 | 623 | 734 | 713 | 732 | 7739 |
| 1-05 | MEAN | 30.0 | 31.5 | 37.3 | 47.5 | 55.7 | 63.7 | 69.4 | 71.6 | 65.7 | 55.4 | 45.7 | 35.7 | 51.1 |
| | S D | 5.170 | 6.507 | 6.435 | 7.573 | 5.774 | 4.727 | 4.750 | 3.738 | 5.286 | 6.151 | 7.185 | 5.870 | 15.354 |
| | TOTAL OBS | 713 | 737 | 801 | 786 | 824 | 791 | 803 | 809 | 791 | 845 | 825 | 802 | 7872 |
| 1-09 | MEAN | 29.4 | 31.4 | 37.4 | 48.1 | 56.7 | 64.5 | 69.9 | 71.9 | 65.9 | 55.4 | 45.6 | 35.0 | 51.1 |
| | S D | 5.150 | 6.497 | 6.435 | 7.425 | 5.682 | 4.592 | 4.802 | 3.765 | 5.461 | 5.900 | 7.277 | 5.808 | 15.721 |
| | TOTAL OBS | 588 | 526 | 903 | 375 | 912 | 874 | 894 | 899 | 657 | 975 | 887 | 900 | 10013 |
| 1-11 | MEAN | 35.0 | 36.0 | 41.6 | 51.6 | 59.9 | 66.7 | 72.0 | 74.1 | 68.1 | 58.7 | 47.5 | 41.0 | 54.3 |
| | S D | 5.147 | 5.663 | 6.034 | 6.638 | 5.377 | 4.382 | 4.848 | 3.682 | 5.005 | 5.692 | 6.802 | 5.436 | 14.541 |
| | TOTAL OBS | 890 | 612 | 894 | 867 | 697 | 866 | 894 | 892 | 631 | 973 | 876 | 905 | 10012 |
| 1-14 | MEAN | 38.1 | 38.5 | 44.0 | 53.4 | 60.9 | 67.6 | 72.8 | 74.9 | 68.5 | 59.9 | 51.4 | 43.1 | 58.3 |
| | S D | 5.344 | 5.331 | 5.975 | 6.350 | 5.044 | 4.324 | 4.718 | 3.563 | 5.397 | 5.474 | 6.269 | 5.400 | 13.741 |
| | TOTAL OBS | 900 | 816 | 906 | 570 | 970 | 887 | 901 | 915 | 659 | 913 | 859 | 910 | 10012 |
| 1-17 | MEAN | 38.0 | 39.1 | 44.4 | 53.6 | 60.0 | 67.5 | 72.7 | 74.7 | 68.9 | 58.0 | 51.1 | 42.0 | 58.1 |
| | S D | 5.257 | 5.456 | 5.811 | 6.051 | 4.850 | 4.064 | 4.475 | 3.414 | 5.261 | 5.382 | 6.011 | 5.608 | 13.652 |
| | TOTAL OBS | 904 | 621 | 689 | 878 | 975 | 881 | 900 | 901 | 844 | 907 | 851 | 914 | 10073 |
| 1-20 | MEAN | 35.1 | 36.6 | 42.9 | 52.1 | 59.7 | 66.5 | 71.6 | 73.7 | 67.5 | 58.6 | 48.2 | 41.0 | 54.7 |
| | S D | 5.290 | 5.988 | 5.936 | 5.192 | 4.880 | 3.947 | 4.354 | 3.322 | 5.197 | 5.617 | 6.699 | 5.857 | 14.277 |
| | TOTAL OBS | 379 | 526 | 900 | 660 | 912 | 663 | 905 | 906 | 885 | 970 | 893 | 885 | 10654 |
| 1-23 | MEAN | 73.3 | 34.5 | 41.3 | 50.8 | 58.7 | 65.7 | 71.2 | 73.1 | 67.0 | 57.3 | 45.0 | 35.3 | 53.4 |
| | S D | 5.133 | 5.153 | 6.323 | 6.586 | 5.235 | 4.222 | 4.307 | 3.630 | 5.213 | 5.972 | 7.039 | 5.948 | 14.633 |
| | TOTAL OBS | 710 | 656 | 726 | 698 | 735 | 718 | 714 | 730 | 718 | 793 | 771 | 775 | 8744 |
| ALL HOURS | MEAN | 34.1 | 35.3 | 41.2 | 50.9 | 58.8 | 65.9 | 71.3 | 73.4 | 67.4 | 57.3 | 45.5 | 39.2 | 53.7 |
| | S D | 5.092 | 6.613 | 6.674 | 7.116 | 5.587 | 4.564 | 4.750 | 3.791 | 5.456 | 6.042 | 7.125 | 6.387 | 14.743 |
| | TOTAL OBS | 6591 | 6068 | 6643 | 6475 | 6725 | 6529 | 6642 | 6687 | 6553 | 6923 | 6747 | 6869 | 79457 |

CLIMATE CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/AFAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION NAME 473007 NAT JAPAN

74-83

| | | YEARS | | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| | | STATION NAME | | | | | | | | | | | | |
| HR | TIME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| -12 | MEAN | 73.7 | 74.3 | 75.1 | 44.5 | 54.1 | 62.7 | 58.0 | 73.9 | 64.0 | 53.0 | 42.6 | 70.4 | 47.7 |
| | S.D. | 7.592 | 9.143 | 9.793 | 9.949 | 7.266 | 5.566 | 4.771 | 4.236 | 5.900 | 7.644 | 9.568 | 8.511 | 17.575 |
| | TOTAL OBS | 674 | 574 | 624 | 619 | 640 | 629 | 631 | 635 | 621 | 734 | 713 | 723 | 7747 |
| -10 | MEAN | 71.0 | 74.2 | 71.4 | 43.2 | 52.9 | 62.0 | 66.1 | 70.2 | 64.0 | 52.5 | 41.6 | 75.3 | 46.7 |
| | S.D. | 7.955 | 9.618 | 9.116 | 10.162 | 7.448 | 5.426 | 4.946 | 3.995 | 5.945 | 7.796 | 9.352 | 6.365 | 18.234 |
| | TOTAL OBS | 733 | 737 | 681 | 798 | 824 | 791 | 803 | 809 | 791 | 645 | 625 | 932 | 7634 |
| -8 | MEAN | 71.6 | 73.7 | 71.0 | 43.0 | 52.7 | 62.2 | 66.1 | 70.0 | 63.8 | 52.0 | 41.4 | 76.6 | 46.7 |
| | S.D. | 7.205 | 9.540 | 9.402 | 10.219 | 7.870 | 5.454 | 5.342 | 3.958 | 6.196 | 7.794 | 9.294 | 6.050 | 16.434 |
| | TOTAL OBS | 686 | 626 | 903 | 675 | 912 | 874 | 894 | 899 | 687 | 975 | 667 | 980 | 10653 |
| -6 | MEAN | 72.4 | 74.1 | 71.1 | 43.6 | 53.1 | 62.7 | 66.6 | 70.5 | 64.3 | 52.7 | 42.0 | 79.7 | 47.2 |
| | S.D. | 9.415 | 10.785 | 10.619 | 10.799 | 6.375 | 5.670 | 5.155 | 4.162 | 6.553 | 6.423 | 9.351 | 9.070 | 16.759 |
| | TOTAL OBS | 620 | 612 | 694 | 667 | 897 | 866 | 894 | 892 | 681 | 973 | 678 | 968 | 10552 |
| 1-14 | MEAN | 72.4 | 74.7 | 72.2 | 44.6 | 53.3 | 62.9 | 66.8 | 70.5 | 64.1 | 52.6 | 41.9 | 79.6 | 47.5 |
| | S.D. | 10.559 | 10.641 | 10.362 | 10.254 | 6.211 | 5.426 | 5.130 | 4.320 | 6.611 | 8.391 | 10.040 | 9.845 | 16.643 |
| | TOTAL OBS | 900 | 816 | 976 | 670 | 900 | 887 | 971 | 915 | 689 | 913 | 669 | 912 | 10653 |
| 1-17 | MEAN | 74.0 | 76.6 | 74.2 | 45.9 | 54.0 | 63.5 | 69.3 | 70.9 | 64.5 | 53.7 | 42.6 | 71.0 | 46.5 |
| | S.D. | 9.877 | 10.446 | 9.656 | 9.680 | 7.679 | 4.974 | 4.916 | 4.111 | 6.456 | 8.137 | 9.876 | 9.780 | 16.046 |
| | TOTAL OBS | 974 | 821 | 889 | 678 | 905 | 681 | 970 | 901 | 684 | 977 | 891 | 914 | 10674 |
| 1-20 | MEAN | 74.1 | 76.7 | 75.1 | 45.4 | 55.0 | 63.7 | 69.4 | 71.2 | 65.0 | 54.3 | 43.1 | 71.0 | 49.0 |
| | S.D. | 9.313 | 10.470 | 9.507 | 9.562 | 7.266 | 4.637 | 4.796 | 3.681 | 6.240 | 7.683 | 9.910 | 9.251 | 17.900 |
| | TOTAL OBS | 879 | 826 | 903 | 840 | 912 | 683 | 975 | 976 | 685 | 970 | 893 | 890 | 10644 |
| 1-23 | MEAN | 73.6 | 75.9 | 74.4 | 45.8 | 55.0 | 63.4 | 69.5 | 71.1 | 64.6 | 53.7 | 42.9 | 71.0 | 46.5 |
| | S.D. | 9.386 | 10.044 | 9.643 | 9.677 | 7.521 | 5.031 | 4.678 | 4.141 | 6.043 | 8.075 | 9.827 | 8.695 | 17.923 |
| | TOTAL OBS | 710 | 656 | 725 | 698 | 735 | 718 | 714 | 730 | 718 | 793 | 771 | 775 | 9744 |
| ALL HOURS | MEAN | 73.0 | 75.1 | 72.7 | 44.6 | 53.7 | 62.9 | 66.6 | 70.7 | 64.3 | 53.1 | 42.3 | 70.2 | 47.7 |
| | S.D. | 9.111 | 10.242 | 9.918 | 10.135 | 7.779 | 5.303 | 4.554 | 4.115 | 6.275 | 8.071 | 9.761 | 9.037 | 18.276 |
| | TOTAL OBS | 6591 | 6066 | 6643 | 6475 | 6725 | 6529 | 6642 | 6637 | 6556 | 6922 | 6747 | 6869 | 79457 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|------|------|------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 11 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12 | 1-2 | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| TOTALS | | 100.0 | 100.0 | 95.0 | 75.0 | 75.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RECEIVED 10/1/64 10:10 AM 10/1/64 10:10 AM 10/1/64 10:10 AM

RELATIVE HUMIDITY

STATION 15L 7 1 0000 STATION NAME 14-1 PERIOD 14-1 MONTH 14-1

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 1-1 | 100.0 | 100.0 | 100.0 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-3 | 1-3 | 100.0 | 100.0 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-4 | 1-4 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-5 | 1-5 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-6 | 1-6 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-7 | 1-7 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-8 | 1-8 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-9 | 1-9 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-10 | 1-10 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-11 | 1-11 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-12 | 1-12 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-13 | 1-13 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-14 | 1-14 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-15 | 1-15 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-16 | 1-16 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-17 | 1-17 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-18 | 1-18 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-19 | 1-19 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-20 | 1-20 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-21 | 1-21 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-22 | 1-22 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-23 | 1-23 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-24 | 1-24 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-25 | 1-25 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-26 | 1-26 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-27 | 1-27 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-28 | 1-28 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-29 | 1-29 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-30 | 1-30 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| 1-31 | 1-31 | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |
| TOTALS | | 100.0 | 99.9 | 99.9 | 99.9 | 71.4 | 41.1 | 21.1 | 10.7 | 5.1 | 1.1 | 14 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| 1 | 1 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 2 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 3 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 4 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 5 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 6 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 7 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 8 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 9 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 10 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 12 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 13 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 14 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 15 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 16 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 17 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 18 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 19 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 21 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 22 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| 1 | 24 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 99.1 | 98.4 | 97.5 | 96.4 | 100 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
PER DAY | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|------------------|--|-------|-------|-------|-------|-------|-------|-------|------------------------------|-----------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | |
| 1-1 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-2 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-3 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-4 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-5 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-6 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-7 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-8 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-9 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-10 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-11 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-12 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-13 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-14 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-15 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-16 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-17 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-18 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-19 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-20 | 1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| TOTALS | | 100.0 | 100.0 | 98.7 | 95.0 | 87.0 | 80.4 | 67.0 | 50.0 | 30.0 | 100.0 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| 1-1 | 1-1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-2 | 1-2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-3 | 1-3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-4 | 1-4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-5 | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-6 | 1-6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-7 | 1-7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-8 | 1-8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-9 | 1-9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-10 | 1-10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-11 | 1-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-12 | 1-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-13 | 1-13 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-14 | 1-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-15 | 1-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-16 | 1-16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-17 | 1-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-18 | 1-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-19 | 1-19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-20 | 1-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-21 | 1-21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-22 | 1-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-23 | 1-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1-24 | 1-24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-3 | 1 0.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.3 | 99.4 | 71.7 | 10.0 | 0.0 | |
| 4-6 | 1 0.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 99.7 | 10.0 | 10.0 | 0.0 | |
| 7-9 | 1 0.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 99.4 | 60.7 | 10.0 | 0.0 | |
| 10-11 | 1 0.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.1 | 97.4 | 81.3 | 71.0 | 0.0 | 0.0 | |
| 12-14 | 1 0.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.7 | 94.1 | 86.7 | 10.7 | 0.0 | 0.0 | |
| 15-17 | 1 0.0 | 100.0 | 100.0 | 100.0 | 99.2 | 94.0 | 93.1 | 19.0 | 7.0 | 0.0 | 0.0 | |
| 18-20 | 1 0.0 | 100.0 | 99.0 | 98.0 | 90.7 | 81.0 | 74.7 | 41.4 | 10.0 | 0.0 | 0.0 | |
| 21-23 | 1 0.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.1 | 9.0 | 41.8 | 10.0 | 0.0 | 0.0 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | 1 0.0 | 100.0 | 100.0 | 99.7 | 99.3 | 99.2 | 94.9 | 89.3 | 10.0 | 0.0 | 0.0 | |

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 01-01 | 01-01 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 1 |
| 01-02 | 01-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 2 |
| 01-03 | 01-03 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 3 |
| 01-04 | 01-04 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 4 |
| 01-05 | 01-05 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 5 |
| 01-06 | 01-06 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 6 |
| 01-07 | 01-07 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 7 |
| 01-08 | 01-08 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 8 |
| 01-09 | 01-09 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 9 |
| 01-10 | 01-10 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 10 |
| 01-11 | 01-11 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 11 |
| 01-12 | 01-12 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 12 |
| 01-13 | 01-13 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 13 |
| 01-14 | 01-14 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 14 |
| 01-15 | 01-15 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 15 |
| 01-16 | 01-16 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 16 |
| 01-17 | 01-17 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 17 |
| 01-18 | 01-18 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 18 |
| 01-19 | 01-19 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 19 |
| 01-20 | 01-20 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 20 |
| 01-21 | 01-21 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 21 |
| 01-22 | 01-22 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 22 |
| 01-23 | 01-23 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 23 |
| 01-24 | 01-24 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 24 |
| 01-25 | 01-25 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 25 |
| 01-26 | 01-26 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 26 |
| 01-27 | 01-27 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 27 |
| 01-28 | 01-28 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 28 |
| 01-29 | 01-29 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 29 |
| 01-30 | 01-30 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 30 |
| 01-31 | 01-31 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 31 |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 31 |

USAFETAC

FORM
JUL 66

0-87-5 (DL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1 | 1-22 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 98.0 | 95.0 | 90.0 | 85.0 | 75.0 | 22 |
| | 1-10 | 100.0 | 100.0 | 100.0 | 99.0 | 97.0 | 93.0 | 88.0 | 80.0 | 70.0 | 60.0 | 10 |
| | 11-20 | 100.0 | 100.0 | 99.0 | 99.0 | 96.7 | 90.0 | 75.0 | 60.0 | 45.0 | 30.0 | 12 |
| | 21-31 | 100.0 | 100.0 | 99.0 | 91.0 | 77.1 | 54.0 | 31.0 | 15.0 | 1.0 | 0.0 | 10 |
| 2 | 1-10 | 100.0 | 99.0 | 98.0 | 92.0 | 80.0 | 70.0 | 60.0 | 45.0 | 30.0 | 20.0 | 10 |
| | 11-20 | 100.0 | 99.0 | 98.0 | 89.0 | 77.0 | 61.0 | 41.0 | 25.0 | 10.0 | 5.0 | 10 |
| | 21-31 | 100.0 | 100.0 | 99.0 | 90.0 | 80.0 | 70.0 | 57.0 | 40.0 | 20.0 | 10.0 | 10 |
| 3 | 1-10 | 100.0 | 100.0 | 99.0 | 95.0 | 80.0 | 70.0 | 57.0 | 40.0 | 20.0 | 10.0 | 10 |
| | 11-20 | 100.0 | 100.0 | 99.0 | 95.0 | 80.0 | 70.0 | 57.0 | 40.0 | 20.0 | 10.0 | 10 |
| | 21-31 | 100.0 | 100.0 | 99.0 | 95.0 | 80.0 | 70.0 | 57.0 | 40.0 | 20.0 | 10.0 | 10 |
| TOTALS | | 100.0 | 100.0 | 99.0 | 95.0 | 80.0 | 70.0 | 57.0 | 40.0 | 20.0 | 10.0 | 30 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

74 -

MONITORING

[illegible]

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| 1-5 | 1-5 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 6-10 | 6-10 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 11-15 | 11-15 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 16-20 | 16-20 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 21-25 | 21-25 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 26-30 | 26-30 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 5 |
| 1-12 | 1-12 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 12 |
| 13-24 | 13-24 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 12 |
| 25-36 | 25-36 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 12 |
| 37-48 | 37-48 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 12 |
| 49-60 | 49-60 | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 12 |
| TOTALS | | 100.0 | 100.0 | 99.0 | 98.0 | 96.7 | 95.0 | 93.7 | 92.0 | 90.0 | 60 |

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
 76. *Chlorophyll axz* (Chl *axz*)
 77. *Chlorophyll ayz* (Chl *ayz*)
 78. *Chlorophyll azz* (Chl *azz*)
 79. *Chlorophyll azaa* (Chl *aza*)
 80. *Chlorophyll abz* (Chl *abz*)
 81. *Chlorophyll acz* (Chl *acz*)
 82. *Chlorophyll adz* (Chl *adz*)
 83. *Chlorophyll aez* (Chl *aez*)
 84. *Chlorophyll afz* (Chl *afz*)
 85. *Chlorophyll agz* (Chl *agz*)
 86. *Chlorophyll ahz* (Chl *ahz*)
 87. *Chlorophyll aiz* (Chl *aiz*)
 88. *Chlorophyll ajz* (Chl *ajz*)
 89. *Chlorophyll akz* (Chl *akz*)
 90. *Chlorophyll alz* (Chl *alz*)
 91. *Chlorophyll amz* (Chl *amz*)
 92. *Chlorophyll anz* (Chl *anz*)
 93. *Chlorophyll aoz* (Chl *aoz*)
 94. *Chlorophyll apz* (Chl *apz*)
 95. *Chlorophyll aqz* (Chl *aqz*)
 96. *Chlorophyll arz* (Chl *arz*)
 97. *Chlorophyll asz* (Chl *asz*)
 98. *Chlorophyll atz* (Chl *atz*)
 99. *Chlorophyll auz* (Chl *auz*)
 100. *Chlorophyll avz* (Chl *avz*)
 101. *Chlorophyll awz* (Chl *awz*)
 102. *Chlorophyll axz* (Chl *axz*)
 103. *Chlorophyll ayz* (Chl *ayz*)
 104. *Chlorophyll azz* (Chl *azz*)
 105. *Chlorophyll azaa* (Chl *aza*)
 106. *Chlorophyll abz* (Chl *abz*)
 107. *Chlorophyll acz* (Chl *acz*)
 108. *Chlorophyll adz* (Chl *adz*)
 109. *Chlorophyll aez* (Chl *aez*)
 110. *Chlorophyll afz* (Chl *afz*)
 111. *Chlorophyll agz* (Chl *agz*)
 112. *Chlorophyll ahz* (Chl *ahz*)
 113. *Chlorophyll aiz* (Chl *aiz*)
 114. *Chlorophyll ajz* (Chl *ajz*)
 115. *Chlorophyll akz* (Chl *akz*)
 116. *Chlorophyll alz* (Chl *alz*)
 117. *Chlorophyll amz* (Chl *amz*)
 118. *Chlorophyll anz* (Chl *anz*)
 119. *Chlorophyll aoz* (Chl *aoz*)
 120. *Chlorophyll apz* (Chl *apz*)
 121. *Chlorophyll aqz* (Chl *aqz*)
 122. *Chlorophyll arz* (Chl *arz*)
 123. *Chlorophyll asz* (Chl *asz*)
 124. *Chlorophyll atz* (Chl *atz*)
 125. *Chlorophyll auz* (Chl *auz*)
 126. *Chlorophyll avz* (Chl *avz*)
 127. *Chlorophyll awz* (Chl *awz*)
 128. *Chlorophyll axz* (Chl *axz*)
 129. *Chlorophyll ayz* (Chl *ayz*)
 130. *Chlorophyll azz* (Chl *azz*)
 131. *Chlorophyll azaa* (Chl *aza*)
 132. *Chlorophyll abz* (Chl *abz*)
 133.

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1951 | 721 | 100.0 | 99.4 | 91.1 | 73.4 | 51.1 | 30.7 | 17.7 | 10.1 | 5.1 | 2.1 | 10 |
| 1952 | | 100.0 | 98.9 | 91.1 | 71.6 | 50.7 | 30.0 | 17.7 | 10.1 | 5.1 | 2.1 | 10 |
| 1953 | | 100.0 | 99.1 | 94.1 | 81.1 | 61.4 | 40.3 | 27.4 | 16.4 | 8.1 | 3.1 | 10 |
| 1954 | | 100.0 | 99.6 | 96.1 | 90.0 | 77.4 | 60.4 | 47.7 | 35.1 | 20.7 | 9.1 | 10 |
| 1955 | | 100.0 | 99.3 | 97.1 | 92.3 | 78.4 | 60.1 | 43.7 | 31.1 | 18.1 | 7.1 | 10 |
| 1956 | | 100.0 | 100.0 | 99.1 | 98.2 | 90.1 | 76.7 | 57.7 | 47.1 | 30.7 | 13.1 | 10 |
| 1957 | | 100.0 | 100.0 | 100.0 | 100.0 | 90.1 | 76.1 | 57.3 | 42.1 | 28.7 | 15.1 | 10 |
| 1958 | | 100.0 | 100.0 | 100.0 | 99.7 | 95.1 | 80.1 | 60.4 | 48.7 | 30.1 | 13.1 | 10 |
| 1959 | | 100.0 | 100.0 | 99.1 | 95.1 | 90.4 | 76.1 | 60.7 | 49.4 | 30.7 | 14.7 | 10 |
| 1960 | | 100.0 | 100.0 | 99.1 | 95.1 | 90.4 | 76.1 | 60.7 | 49.1 | 30.7 | 14.1 | 10 |
| 1961 | | 100.0 | 99.7 | 99.1 | 90.0 | 77.7 | 60.7 | 47.7 | 31.1 | 18.7 | 9.1 | 10 |
| 1962 | | 100.0 | 99.1 | 94.7 | 82.4 | 64.1 | 44.4 | 31.7 | 18.1 | 9.1 | 3.1 | 10 |
| TOTALS | | 100.0 | 99.6 | 95.1 | 89.7 | 77.7 | 60.1 | 47.1 | 33.7 | 20.1 | 9.1 | 100 |

USAFETAC FORM 0-87-5 (OL A)
JUL 64

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART :

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

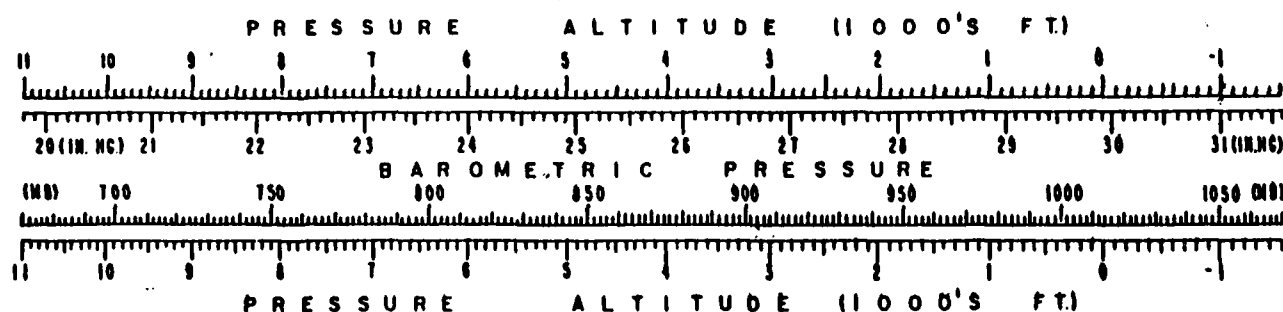
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

478790 ATSUJI NAS JAPAN

74-83

| STATION | | YEARS | | | | | | | | | | | | |
|--------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| STATION NAME | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
| HRS 1ST | | | | | | | | | | | | | | |
| MEAN | | 29.74029 | 29.73729 | 29.76529 | 29.73429 | 29.65629 | 29.60229 | 29.59729 | 29.67429 | 29.77629 | 29.79529 | 29.84129 | 29.74029 | 29.71129 |
| S.D. | | .197 | .185 | .237 | .215 | .178 | .146 | .119 | .157 | .152 | .212 | .212 | .212 | .212 |
| TOTAL OBS | | 211 | 181 | 207 | 216 | 211 | 210 | 11 | 211 | 206 | 243 | 239 | 244 | 2102 |
| MEAN | | 29.73429 | 29.73129 | 29.75629 | 29.72429 | 29.60429 | 29.59129 | 29.57629 | 29.66229 | 29.69129 | 29.77229 | 29.83229 | 29.78729 | 29.72329 |
| S.D. | | .174 | .157 | .272 | .217 | .200 | .149 | .123 | .154 | .145 | .211 | .214 | .214 | .214 |
| TOTAL OBS | | 211 | 185 | 275 | 274 | 210 | 209 | 206 | 210 | 205 | 241 | 235 | 241 | 2561 |
| MEAN | | 29.73329 | 29.74629 | 29.77129 | 29.74829 | 29.67529 | 29.59329 | 29.60029 | 29.58729 | 29.70129 | 29.79729 | 29.85029 | 29.78029 | 29.71729 |
| S.D. | | .191 | .200 | .278 | .213 | .200 | .152 | .124 | .160 | .147 | .195 | .219 | .219 | .219 |
| TOTAL OBS | | 209 | 273 | 376 | 293 | 375 | 291 | 289 | 298 | 290 | 301 | 295 | 374 | 2564 |
| MEAN | | 29.76129 | 29.77629 | 29.79629 | 29.78329 | 29.68129 | 29.60129 | 29.57729 | 29.60229 | 29.72229 | 29.80029 | 29.87429 | 29.84029 | 29.73929 |
| S.D. | | .171 | .204 | .275 | .270 | .275 | .155 | .123 | .152 | .147 | .274 | .201 | .211 | .211 |
| TOTAL OBS | | 295 | 271 | 295 | 291 | 294 | 283 | 258 | 291 | 292 | 297 | 297 | 297 | 297 |
| MEAN | | 29.71029 | 29.73129 | 29.75129 | 29.72229 | 29.65629 | 29.58529 | 29.59129 | 29.67629 | 29.69229 | 29.77529 | 29.82429 | 29.78029 | 29.70129 |
| S.D. | | .170 | .204 | .271 | .217 | .272 | .155 | .122 | .148 | .146 | .274 | .276 | .276 | .276 |
| TOTAL OBS | | 296 | 275 | 302 | 289 | 295 | 294 | 296 | 303 | 294 | 302 | 295 | 304 | 2545 |
| MEAN | | 29.68129 | 29.68429 | 29.69829 | 29.68929 | 29.61529 | 29.56029 | 29.56529 | 29.64629 | 29.66229 | 29.75229 | 29.79929 | 29.75629 | 29.66629 |
| S.D. | | .198 | .203 | .271 | .218 | .194 | .152 | .120 | .144 | .150 | .192 | .272 | .272 | .272 |
| TOTAL OBS | | 301 | 271 | 292 | 288 | 291 | 291 | 298 | 297 | 292 | 307 | 292 | 312 | 2515 |
| MEAN | | 29.71329 | 29.71729 | 29.72829 | 29.69629 | 29.62629 | 29.56229 | 29.56629 | 29.65529 | 29.67829 | 29.74929 | 29.83029 | 29.78929 | 29.68629 |
| S.D. | | .177 | .201 | .272 | .216 | .199 | .153 | .121 | .142 | .147 | .271 | .277 | .277 | .277 |
| TOTAL OBS | | 295 | 276 | 302 | 294 | 305 | 289 | 298 | 302 | 295 | 304 | 295 | 311 | 2556 |
| MEAN | | 29.71529 | 29.74529 | 29.76529 | 29.74429 | 29.66529 | 29.59729 | 29.60329 | 29.59529 | 29.70529 | 29.80129 | 29.84929 | 29.80429 | 29.71629 |
| S.D. | | .190 | .213 | .273 | .279 | .199 | .148 | .121 | .145 | .150 | .191 | .217 | .273 | .273 |
| TOTAL OBS | | 288 | 291 | 301 | 289 | 304 | 296 | 296 | 300 | 290 | 301 | 292 | 311 | 2524 |
| ALL HOURS | MEAN | 29.72629 | 29.73329 | 29.75329 | 29.72929 | 29.65429 | 29.58529 | 29.58729 | 29.57529 | 29.69029 | 29.78529 | 29.83729 | 29.75929 | 29.71529 |
| | S.D. | .195 | .201 | .273 | .217 | .201 | .152 | .123 | .152 | .151 | .271 | .270 | .270 | .270 |
| | TOTAL OBS | 2196 | 2013 | 2211 | 2144 | 2225 | 2163 | 2192 | 2212 | 2170 | 2256 | 2233 | 2257 | 2533 |

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